Bicycle Collision Data in Washington State 1988 to 1993

May 1994 (Revised March 1995)

Prepared by:

Transportation Data Office Ralph Wessels Brian Limotti Daniel Davis

In Cooperation with

Mike Dornfeld, Bike/Ped. Program Mgr.

Washington State Department of Transportation Transportation Data Office 318 East State Avenue Olympia, WA 98504-7380 (206) 753-1375 SCAN 234-1375

FOR MORE INFORMATION, CALL MIKE DORNFELD, WSDOT BICYCLE/PEDESTRIAN PROGRAM MANAGER AT 705-7258.

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- A. Modified Cross/Fisher Classification Method Used by WSDOT
- B. Cross/Fisher Classification Method
- C. Pedalcyclist Collision Data from WSTSC

Introduction

In order to effect a bicycle safety improvement program and create a safe bicycling environment, it is necessary to understand why bicycle collisions occur. This report is intended to assist planners, traffic engineers, safety professionals, bicycle advocates, and others in the identification of collision types occurring in geographical areas of interest in the State of Washington. Informed decisions can then be made on how best to address problem areas. The report provides data on bicycle collisions in the State of Washington for the period 1988 to 1993.

Information on bicycle collisions was obtained from the collision records maintained by the Washington State Patrol (WSP). Vehicular collisions in Washington in which more than \$500 damage occurs or injury or death occurs are required to be reported by means of a traffic collision report. The collision records are from both driver and law enforcement collision reports submitted to WSP. There are 24 bicycle collisions included in the February 1995 revision that were not in the original May 1994 version. The 24 collisions were overlooked due to the bicyclist not being the first object struck. Collisions involving tricycles (35) and unicycles (4) were excluded from the data. It should be noted that bicycle collisions not involving a motor vehicle are not recorded into the WSP database.

Collision types were categorized using a modified version of the Cross/Fisher bicycle collision classification method. Modification of the Cross/Fisher classification method was necessary due to the WSP records not being fully compatible with the Cross/Fisher method and due to the number of records used in the analysis. Functional class of roadway by county was selected for the stratification of collisions to assist in the identification of the types of collisions occurring by road ownership and to allow the comparison with statewide averages. The five functional classes of roadways are (1) Interstate, (2) Highways, (3) County Roads, (4) City Roads, and (5) Other Roads/Paths/Trails. The latter functional class would include off road, government ownership such as the military, the University of Washington, private roads, etc. Additional categorization was performed for specific age groups for each functional roadway class. The seven age groups are (1) less than 5, (2) 5 to 9, (3) 10 to 15, (4) 16 to 24, (5) 25 to 34, (6) 35 to 54, (7) 55 or older. A summary of annual collisions was also performed.

Figures have been included in the revision of the report to assist the reader in comprehension of the data.

Caution should be used in the use of annual collision data in determining trends as the number of collisions are related to exposure to the potential for collisions. Collision exposure varies from year to year and is influenced by such factors as population growth, the number of cyclists, the number and length of trips made, the development of bicycle facilities, safety improvements, and weather. For instance, the decrease in bicycle collisions from 1992 to 1993 is most likely due to the difference in the weather (1993 had a high number of rainy days during the summer months) rather than a behavioral change of cyclists/motorists or increase in safer facilities for bicyclists.

More detailed bicycle collision information may be desirable for specific geographic locations in the development of non-motorized transportation plans and safety improvement projects. Requests for this information can be made through the Washington State Department of Transportation - Transportation Data Office.

Appendix A contains the modified version of the Cross/Fisher classification method used for this report.

Appendix B contains a copy of the Cross/Fisher Classification of Bicycle/Motor Vehicle Collisions. The classifications were obtained from the report by The Harborview Injury Prevention and Research Center and King County entitled *Pedestrian and Bicycle Collisions With Motor Vehicles in King County*, 1985 - 1990. It is included for the convenience of users that may wish to analyze a specific area and not use a modified method.

Appendix C contains a copy of pedalcyclist collision data for 1993 prepared by the Washington State Traffic Safety Commission from the report entitled 1993 Traffic Collisions in Washington State. The pedalcyclist data includes tricyclists and unicylists, as well as bicyclists. The collision rate data (collisions per 10,000 population) contained in their report is very useful and can be utilized in conjunction with the information presented in this report. It has been included for the convenience of the user.

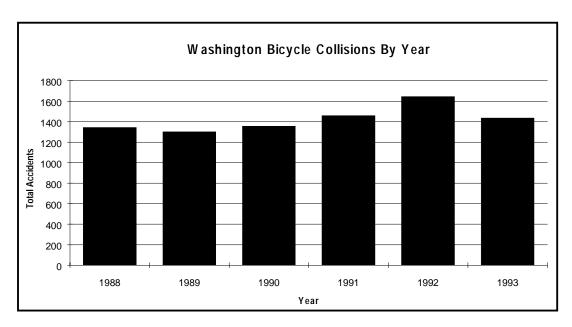


Figure 1: Bicycle Collisions By Year

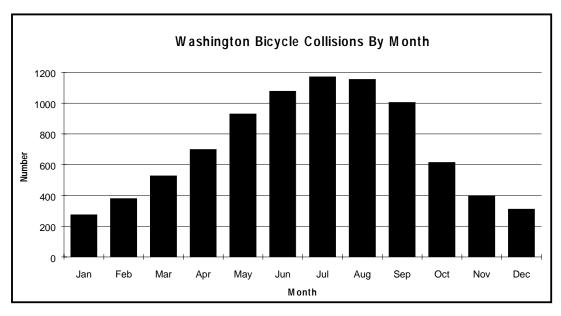


Figure 2: Bicycle Collisions By Month

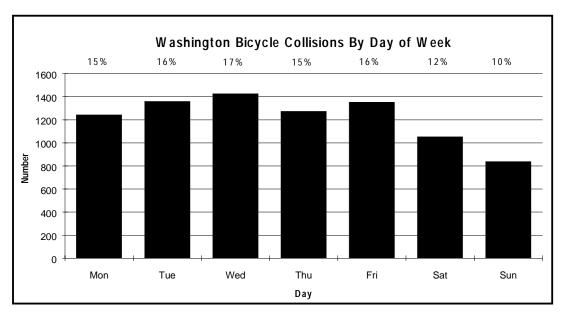


Figure 3: Bicycle Collisions By Day of Week

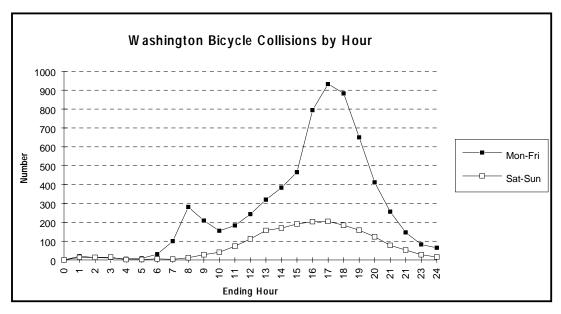


Figure 4: Bicycle Collisions By Hour

Bicycle Collision Location By Road Type

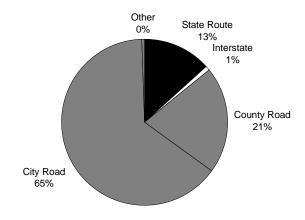


Figure 5: Bicycle Collision Location By Road Type

Bicycle Fatal Collision Location By Road Type

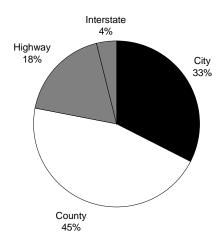


Figure 6: Bicycle Fatal Collision Location By Road Type

Gender of Motorist

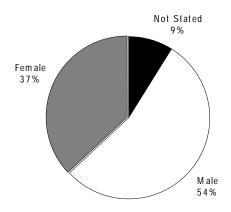


Figure 7: Gender of Motorist Involved in Bicycle Collision

Gender of Bicyclist

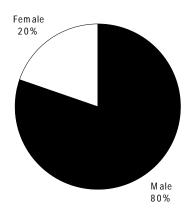


Figure 8: Gender of Bicyclist Involved in Bicycle Collision

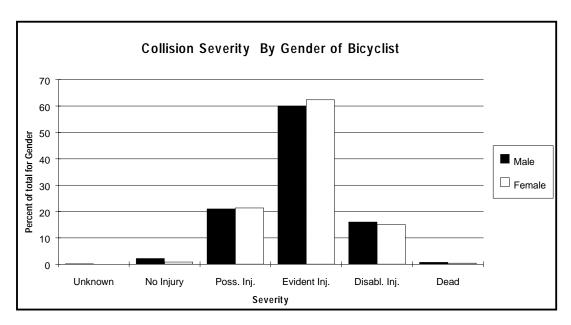


Figure 9: Bicycle Collision Severity By Gender of Bicyclist

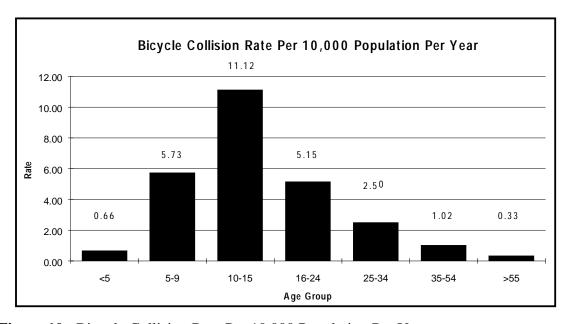


Figure 10: Bicycle Collision Rate Per 10,000 Population Per Year

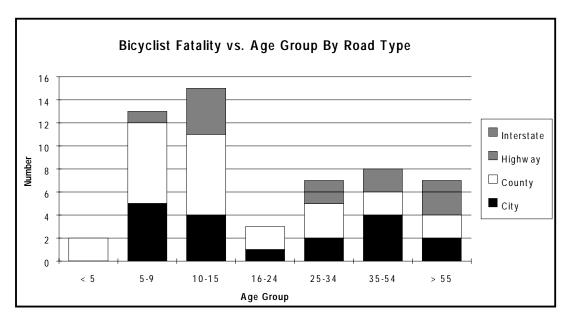


Figure 11: Bicyclist Fatality Vs Age Group By Road Type

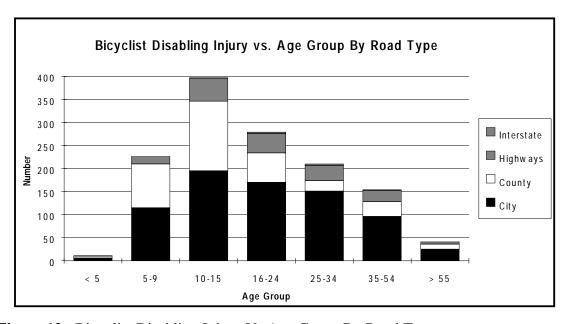


Figure 12: Bicyclist Disabling Injury Vs Age Group By Road Type

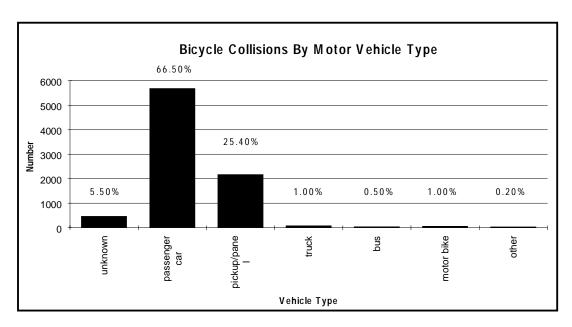


Figure 13: Bicycle Collision By Motor Vehicle Type

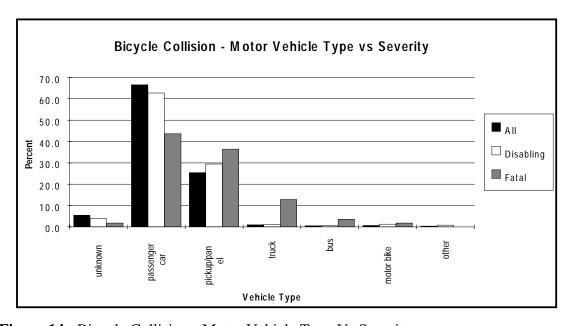


Figure 14: Bicycle Collision - Motor Vehicle Type Vs Severity

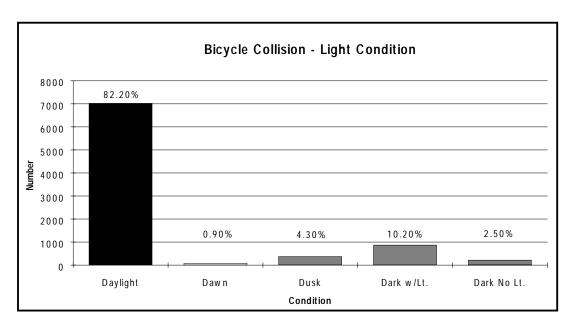


Figure 15: Bicycle Collision Light Condition

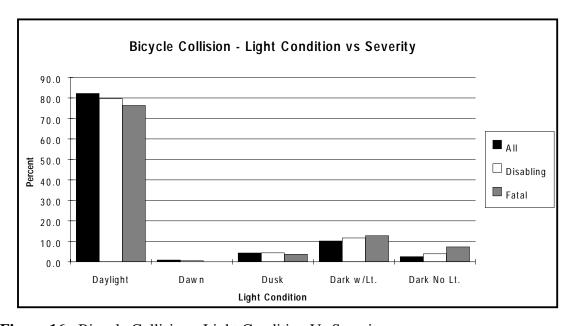


Figure 16: Bicycle Collision - Light Condition Vs Severity

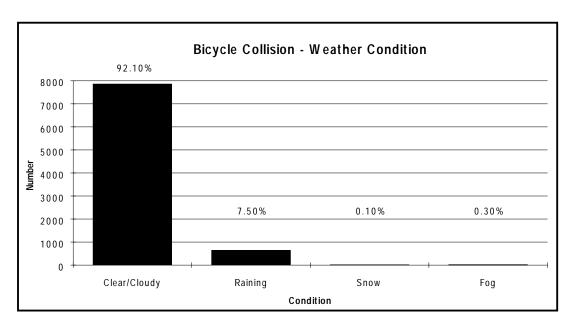


Figure 17: Bicycle Collision Weather Condition

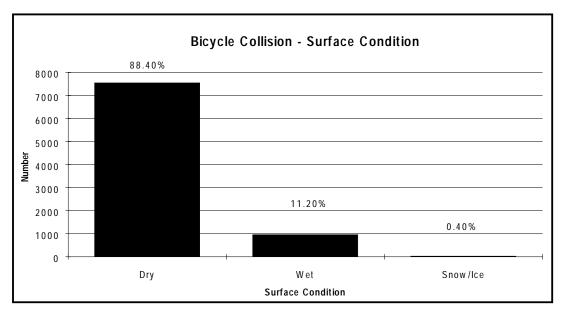


Figure 18: Bicycle Collision Surface Condition

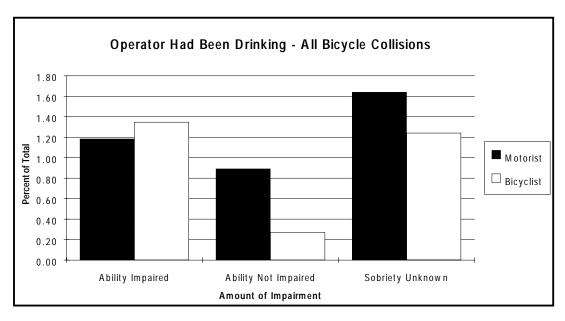


Figure 19: Operator Had Been Drinking - All Collisions

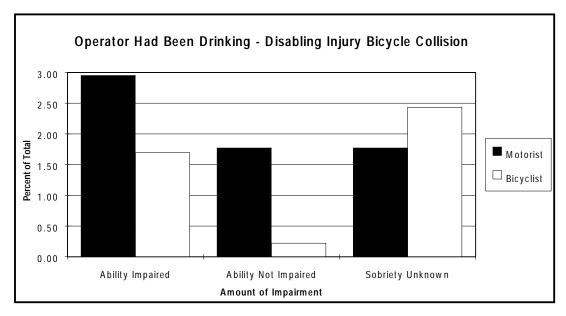


Figure 20: Operator Had Been Drinking - Disabling Injury

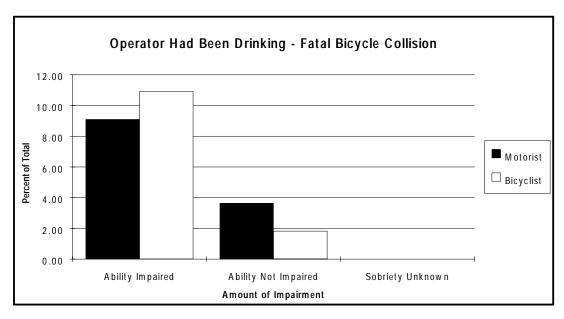
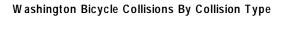


Figure 21: Operator Had Been Drinking - Fatal Collision



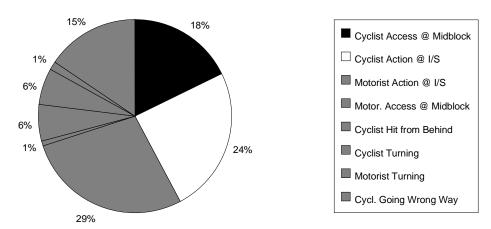


Figure 22: Bicycle Collision By Collision Type

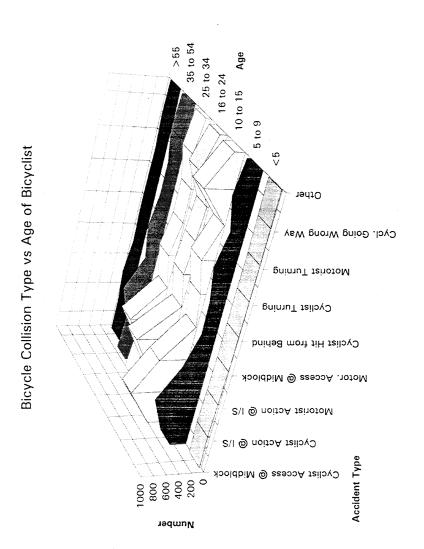


Figure 23: Bicycle Collision Type vs Age of Bicyclist

BY YEAR

							ΥE	AR		
COLLISION TYPE	#	%	INJ.	FAT.	1988	1989	1990	1991	1992	1993
COLLISION GROUP A: BICYCLE ENT								1		
TYPE 1-3: Driveway/Alley	1322	15.5	1290	6	184	193	213	224	255	253
Type 4: Curb Shoulder	105	1.2	101	3	28	12	20	11	20	14
TOTAL GROUP A	1427	16.7	1391	8	212	205	233	235	275	267
COLLISION GROUP B: COLLISIONS	@ INTFI	RSECTI	ONS							
Type 5b/6b: Cycl. Disregard Sign/Signal	657	7.7	644	6	125	111	89	118	122	92
Type 7b: Cyclist Fails to Yield	616	7.2	608	2	124	98	103	88	100	103
Type 8b: Cyclist Turning	250	2.9	240	3	38	36	49	33	51	43
Type Bb: Cyclist Xing or Entering	430	5.0	416	3	79	77	60	73	78	63
TOTAL GROUP B, TYPE 5b-Bb	1953	22.9	1908	14	366	322	301	312	351	301
								_		_
Type 5m: Motor Veh. Disregards Sign	32	0.4	32	0	4	8	6	2	5	7
Type 6m: Motor Veh. Disregards Signal	61	0.7	60	0	5 475	12	11	10	12	11
Type 7m: Motor Veh. Fails to Yield Type 8m: Motor Veh. Turning	1265 41	14.8 0.5	1248 41	2 0	175 6	177 12	196 6	219 9	271 3	227 5
Type 8th. Motor Ven. Turning Type Bx: Inadequate Information	833	9.8	798	3	154	122	124	132	156	145
TOTAL GROUP B, TYPE 5m-Bx	2232	26.1	2179	5	344	331	343	372	447	395
					0	00.	0.0	0		333
TOTAL GROUP B	4185	49.0	4087	19	710	653	644	684	798	696
COLLICION CDOLID C. MOTODIST EN	ITEDO/I	E 41/E0	- DO 4 D1	MAN @	MID D	1 001/ 1	0047	ON		
COLLISION GROUP C: MOTORIST EN	64	.EAVES 0.7	62	/VAY @ 1	- МПD-В	100K I	-OCATI 11	10 10	12	0
Type 11: Backing from Driveway TOTAL GROUP C	64	0.7	62	1	13	10	11	10	12	8
TOTAL GROOF O	0-7	0.7	02	•	10	10	- 11	10	12	U
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIN	D BY M	OTOR '	√EHICL	.E				
Type 13a: M. Veh./Cycl. Going Straight	406	4.8	392	10	72	68	70	69	72	55
Type 13/14/16/17: Motor Veh. Passing	70	0.8	68	1	13	10	12	11	13	11
Type 15: Motorist Following Too Closely	15	0.2	15	0	1	3	1	6	4	0
TOTAL GROUP D	491	5.7	475	11	86	81	83	86	89	66
		0.4/50								
COLLISION GROUP E: BICYCLIST TU				4.4	00	7.4	0.5	07	74	00
TOTAL GROUP E	490	5.7	471	11	80	74	95	87	71	83
COLLISION GROUP F: MOTORIST TU	IBNING	BICYC	LIST NC	١T						
TOTAL GROUP F	98	1.1	91	1	15	13	16	26	15	13
TOTAL GROOT T	00		01	•	10	10	10	20	10	10
COLLISION GROUP G: OTHER										
Type 26: Cyclist Going Wrong Way	1236	14.5	1212	1	135	184	186	233	273	225
Type 28: Motorist Going Wrong Way	2	0.0	2	0	0	1	0	0	1	0
Type 35: Motorist Driveout from Parking	28	0.3	28	0	4	4	4	6	3	7
Type 36: Cycl. Strikes Slow/Stop Veh.	439	5.1	413	0	77	64	71	77	88	62
Type 38b: Miscellaneous	80	0.9	78	2	12	13	13	15	19	8
TOTAL GROUP G	1785	20.9	1733	3	228	266	274	331	384	302
GRAND TOTAL ALL GROUPS	8540	100	8310	55	1344	1302	1356	1459	1644	1435

ALL ROADS

						_		AGE OF				
COLLISION TYPE	#	%	INJ	FAT	<5	5- 9	10- 15	16- 24	25- 34	35- 54	>55	UNK
COLLISION GROUP A: BICYCLE EN			-		-	-	K LOCA		01	01	700	Ortic
TYPE 1-3: Driveway/Alley	1322	15.5	1290	6	27	260	377	292	180	110	25	51
Type 4: Curb Shoulder	105	1.2	101	3	0	5	28	25	23	19	4	1
TOTAL GROUP A	1427	16.7	1391	9	27	265	405	317	203	129	29	52
COLLISION GROUP B: COLLISIONS	S @ INT	ERSE	CTIONS	3								
Type 5b/6b: Cycl. Disregard Sign/Sgnl	657	7.7	644	6	9	144	264	131	60	22	12	15
Type 7b: Cyclist Fails to Yield	616	7.2	608	2	10	164	251	83	57	32	8	11
Type 8b: Cyclist Turning	250	2.9	240	3	8	37	98	40	26	25	7	9
Type Bb: Cyclist Xing or Entering	430	5.0	416	3	17	143	192	35	12	17	0	14
TOTAL GROUP B, TYPE 5b-Bb	1953	22.9	1908	14	44	488	805	289	155	96	27	49
							_		_			
Type 5m: Motor Veh. Disregards Sign	32	0.4	32	0	1	2	7	10	7	4	0	1
Type 6m: Motor Veh. Disregards Sgnl	61	0.7	60	0	0	0	10	29	16	5	1	0
Type 7m: Motor Veh. Fails to Yield	1265	14.8	1248	2	8	84	278	366	308	154	38	29
Type 8m: Motor Veh. Turning	41	0.5	41	0	1	0	5	11	15	6	2	1
Type Bx: Inadequate Information	833	9.8	798	3	15	91	174	205	161	101	23	63
TOTAL GROUP B, TYPE 5m-Bx	2232	26.1	2179	5	25	177	474	621	507	270	64	94
TOTAL GROUP B	4185	49.0	4087	19	69	665	1279	910	662	366	91	143
TOTAL GROOT B	4100	43.0	4007	19	09	003	1213	310	002	300	91	140
COLLISION GROUP C: MOTORIST E	NTER!	S/I FA\	/ES RO	ΔΠΙΛΙΑ	Y @ N	IID-BI (אר ו כ	CATIO	N			
Type 11: Backing from Driveway	64	0.7	62	1	11	13	17	70/1110 7	9	6	0	1
TOTAL GROUP C	64	0.7	62	1	11	13	17	7	9	6	0	1
	0.	0	0 _				• •	•				•
COLLISION GROUP D: BICYCLIST H	HIT FRO	М ВЕН	HIND B	Y MOT	OR VE	HICLE						
Type 13a: M. Veh./Cycl. Go Straight	406	4.8	392	10	5	24	74	95	105	78	14	11
Type 13/14/16/17: Motor Veh. Passing	70	0.8	68	1	0	1	14	17	16	14	5	3
Type 15: Motorist Following Too Close	15	0.2	15	0	0	0	3	4	4	3	0	1
TOTAL GROUP D	491	5.7	475	11	5	25	91	116	125	95	19	15
COLLISION GROUP E: BICYCLIST T	URNIN	G/SWE	ERVING	ì								
TOTAL GROUP E	490	5.7	471	11	6	112	223	69	26	21	12	21
COLLISION GROUP F: MOTORIST T	URNIN	G, BIC	YCLIST	NOT								
TOTAL GROUP F	98	1.1	91	1	2	3	8	30	30	18	2	5
COLLISION GROUP G: OTHER												
Type 26: Cyclist Going Wrong Way	1236	14.5	1212	1	10	131	486	296	152	106	27	28
Type 28: Motorist Going Wrong Way	2	0.0	2	0	0	0	0	0	2	0	0	0
Type 35: Motorist Driveout from Park	28	0.3	28	0	0	2	5	5	7	5	3	1
Type 36: Cycl. Strikes Slow/Stop Veh.	439	5.1	413	0	13	53	136	95	63	47	5	27
Type 38b: Miscellaneous	80	0.9	78	2	2	7	19	23	13	9	4	3
TOTAL GROUP G	1785	20.9	1733	3	25	193	646	419	237	167	39	59
CDAND TOTAL ALL CDOUDS	0540	100	0240	FF	1.45	1076	2660	1000	1202	902	100	206
GRAND TOTAL ALL GROUPS	8540	100	8310	55	145	1276	2669	1868	1292	802	192	296
PERCENT TOTAL ALL GROUPS	100		97.3	0.6	1.7	14.9	31.3	21.9	15.1	9.4	2.2	3.5

INTERSTATE

						5-	10-	AGE O 16-	F CYC 25-	LIST 35-		
COLLISION TYPE	#	%	INJ	FAT	<5	9	15	24	34	54	>55	UNK
COLLISION GROUP A: BICYCLE EN	TERS/L		S ROAD		@ MID	BLOC	K LOC	OITA	1			
TYPE 1-3: Driveway/Alley	1	1.5	1	0	0	1	0	0	0	0	0	0
Type 4: Curb Shoulder	2	3.0	2	0	0	0	0	0	0	1	0	1
TOTAL GROUP A	3	4.5	3	0	0	1	0	0	0	1	0	1
COLLISION GROUP B: COLLISIONS	@ IN1	ERSE	CTIONS	}								
Type 5b/6b: Cycl. Disregard Sign/Sgnl	4	6.0	3	0	0	0	1	1	1	1	0	0
Type 7b: Cyclist Fails to Yield	5	7.5	5	0	0	0	2	2	0	1	0	0
Type 8b: Cyclist Turning	5	7.5	4	1	0	0	0	1	1	2	1	0
Type Bb: Cyclist Xing or Entering	2	3.0	2	0	0	0	1	1	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	16	23.9	14	1	0	0	4	5	2	4	1	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Sgnl	1	1.5	1	0	0	0	0	1	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	14	20.9	14	0	0	0	3	5	6	0	0	0
Type 8m: Motor Veh. Turning	0	0	0	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	9	13.4	8	0	1	0	1	1	4	1	0	1
TOTAL GROUP B, TYPE 5m-Bx	24	35.8	23	0	1	0	4	7	10	1	0	1
TOTAL GROOT B, THE SITE BX	24	00.0	20	U	•	U	7	•	10	•	U	•
TOTAL GROUP B	40	59.7	37	1	1	0	8	12	12	5	1	1
COLLISION GROUP C: MOTORIST E	NTER	S/I ΕΔ\	/ES RO	۵ اس۱۸/۵	v @ м	ID-BI	חרג ו	$\cap \cap \Delta T$	ION			
Type 11: Backing from Driveway	0	0	0 (LO	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL GROOF C	U	U	U	U	U	U	U	U	U	U	U	U
COLLISION GROUP D: BICYCLIST H	IIT FRO	M BEI	HIND BY	MOTO	OR VE	HICLE	•					
Type 13a: M. Veh./Cycl. Go Straight	2	3.0	2	0	0	0	0	2	0	0	0	0
Type 13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Close	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	2	3.0	2	0	0	0	0	2	0	0	0	0
COLLISION GROUP E: BICYCLIST T	LIDNIN	C/S/\/I	ED\/ING									
TOTAL GROUP E	4	6.0	4	0	0	0	1	1	0	1	1	0
TOTAL GROOF E	4	0.0	4	U	U	U	'	'	U			U
COLLISION GROUP F: MOTORIST T	URNIN	G. BIC	YCLIST	NOT								
TOTAL GROUP F	0	0	0	0	0	0	0	0	0	0	0	0
					-				-	-		
COLLISION GROUP G: OTHER												
Type 26: Cyclist Going Wrong Way	15	22.4	15	0	0	1	4	3	4	3	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Park	0	0	0	Ö	0	0	0	0	0	0	0	Ö
Type 36: Cycl. Strikes Slow/Stop Veh.	2	3.0	2	0	0	0	0	1	0	1	0	0
Type 38b: Miscellaneous	1	1.5	0	1	0	0	0	0	1	0	0	0
TOTAL GROUP G	18	26.9	17	1	0	1	4	4	5	4	0	0
GRAND TOTAL ALL GROUPS	67	100	63	2	1	2	13	19	17	11	2	2
GRAIND TOTAL ALL GROUPS	07	100	US				13	19	17	- 11		
PERCENT TOTAL ALL GROUPS	100		94.0	3.0	1.5	3.0	19.4	28.4	25.4	16.4	3.0	3.0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 STATE ROUTES

						F		AGE O				
COLLISION TYPE	#	%	INJ	FAT	<5	5- 9	10- 15	16- 24	25- 34	35- 54	>55	UNK
COLLISION GROUP A: BICYCLE EN			-		_	-		ATION		•		
TYPE 1-3: Driveway/Alley	160	13.9	154	0	1	17	46	41	27	17	5	6
Type 4: Curb Shoulder	36	3.1	36	0	0	1	5	10	11	9	0	0
TOTAL GROUP A	196	17.1	190	0	1	18	51	51	38	26	5	6
			OTION	_								
COLLISION GROUP B: COLLISIONS					•	_		40	•			
Type 5b/6b: Cycl. Disregard Sign/Sgnl	88	7.7	88	0	0	5	44	19	9	4	3	4
Type 7b: Cyclist Fails to Yield	60	5.2	59	1	1	4	28	10	12	2	2	1
Type 8b: Cyclist Turning	30	2.6	30	0	0	1	11	9	1	7	0	1
Type Bb: Cyclist Xing or Entering TOTAL GROUP B, TYPE 5b-Bb	43 221	3.7 19.3	40 217	1	0	5 15	25 108	8 46	2 24	2 15	0 5	1 7
TOTAL GROUP B, TTPE 50-B0	221	19.3	217	2	ı	15	100	40	24	15	Э	7
Type 5m: Motor Veh. Disregards Sign	4	0.3	4	0	0	0	1	1	2	0	0	0
Type 6m: Motor Veh. Disregards Sgnl	10	0.9	10	0	0	0	2	4	3	1	0	0
Type 7m: Motor Veh. Fails to Yield	175	15.2	174	0	1	13	48	41	39	21	8	4
Type 8m: Motor Veh. Turning	4	0.3	4	0	0	0	0	0	2	2	0	0
Type Bx: Inadequate Information	99	8.6	96	1	0	9	25	22	18	14	1	10
TOTAL GROUP B, TYPE 5m-Bx	292	25.4	288	1	1	22	76	68	64	38	9	14
TOTAL GROUP B	513	44.7	505	3	2	37	184	114	88	53	14	21
TOTAL GROOF B	313	77.1	303	3		31	104	117	00	55	17	21
COLLISION GROUP C: MOTORIST E	ENTERS	S/LEA\	/ES RO	ADWA	Y @ N	IID-BL	OCK L	OCAT	ION			
Type 11: Backing from Driveway	1	0.1	1	0	0	0	0	0	1	0	0	0
TOTAL GROUP C	1	0.1	1	0	0	0	0	0	1	0	0	0
							_					
COLLISION GROUP D: BICYCLIST F								_				_
Type 13a: M. Veh./Cycl. Go Straight	41	3.6	40	1	0	1	4	8	13	13	0	2
Type 13/14/16/17: Motor Veh. Passing	7	0.6	6	0	0	0	1	4	1	1	0	0
Type 15: Motorist Following Too Close	2	0.2	2	0	0	0	1	0	0	1	0	0
TOTAL GROUP D	50	4.4	48	1	0	1	6	12	14	15	0	2
COLLISION GROUP E: BICYCLIST T	TIRNIN	G/SWF	=R\/ING	:								
TOTAL GROUP E	68	5.9	63	, 5	2	7	34	9	7	1	6	2
											_	
COLLISION GROUP F: MOTORIST T	URNIN	G, BIC	YCLIST	NOT								
TOTAL GROUP F	11	1.0	11	0	0	1	0	5	3	2	0	0
COLLISION GROUP G: OTHER												
Type 26: Cyclist Going Wrong Way	243	21.2	237	1	2	10	78	76	39	26	9	3
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Park	1	0.1	1	0	0	0	0	1	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	58	5.1	51	0	0	9	15	13	13	5	1	2
Type 38b: Miscellaneous	7	0.6	7	0	0	1	1	3	0	2	0	0
TOTAL GROUP G	309	26.3	296	1	2	20	94	93	52	33	10	5
CRAND TOTAL ALL CROUDS	1148	100	1114	10	7	84	369	284	203	130	35	36
GRAND TOTAL ALL GROUPS	1146	100	1114	10	7	04	309	204	203	130	33	30
PERCENT TOTAL ALL GROUPS	100		97.0	0.9	0.6	7.3	32.1	24.7	17.7	11.2	3.1	3.1

COUNTY ROADS

						5-	10-	AGE OI	F CYC 25-	LIST 35-		
COLLISION TYPE	#	%	INJ	FAT	<5	9	15	24	34	54	>55	UNK
COLLISION GROUP A: BICYCLE EN	TERS/L		S ROAD) YAW	@ MID	BLOC		ATION	1			
TYPE 1-3: Driveway/Alley	292	16.3	285	5	13	96	106	30	15	20	5	7
Type 4: Curb Shoulder	46	2.6	44	2	0	2	17	12	5	8	2	0
TOTAL GROUP A	338	18.9	329	7	13	98	123	42	20	28	7	7
COLLISION GROUP B: COLLISIONS	CNI 🍩	ERSE	CTIONS	3								
Type 5b/6b: Cycl. Disregard Sign/Sgnl	141	7.9	138	3	3	43	62	22	4	4	1	2
Type 7b: Cyclist Fails to Yield	128	7.1	128	0	3	46	61	7	6	3	0	2
Type 8b: Cyclist Turning	56	3.1	53	0	0	9	30	6	2	4	1	4
Type Bb: Cyclist Xing or Entering	104	5.8	99	2	4	35	56	5	1	1	0	2
TOTAL GROUP B, TYPE 5b-Bb	429	23.9	418	5	10	133	209	40	13	12	2	10
Type 5m: Motor Veh. Disregards Sign	3	0.2	3	0	0	0	2	0	1	0	0	0
Type 6m: Motor Veh. Disregards Sgnl	4	0.2	4	0	0	0	0	3	1	0	0	0
Type 7m: Motor Veh. Fails to Yield	128	7.1	127	0	2	9	34	31	30	16	5	1
Type 8m: Motor Veh. Turning	9	0.5	9	0	0	0	2	1	3	2	1	0
Type Bx: Inadequate Information	121	7.1	115	0	2	17	29	28	12	19	4	10
TOTAL GROUP B, TYPE 5m-Bx	265	15.1	258	0	4	26	67	63	47	37	10	11
TOTAL GROUP B	700	39.0	676	5	14	159	276	103	60	49	12	21
COLLISION GROUP C: MOTORIST E	NTER		/ES RO	ADWA'	Y @ N	IID-BL	OCK L	OCAT	ION			
Type 11: Backing from Driveway	11	0.6	11	0	3	1	5	2	0	0	0	0
TOTAL GROUP C	11	0.6	11	0	3	1	5	2	0	0	0	0
					_							
COLLISION GROUP D: BICYCLIST H	IT FRC			/ MOT	OR VE							
Type 13a: M. Veh./Cycl. Go Straight	124	6.9	117	6	0	12	29	32	24	20	6	1
Type 13/14/16/17: Motor Veh. Passing	39	2.2	38	1	0	1	10	9	5	9	3	2
Type 15: Motorist Following Too Close	2	0.1	2	0	0	0	1	0	1	0	0	0
TOTAL GROUP D	165	9.2	157	7	0	13	40	41	30	29	9	3
COLLISION GROUP E: BICYCLIST T	URNIN	G/SWE	ERVING									
TOTAL GROUP E	208	11.6	202	5	2	48	117	27	5	3	2	4
COLLISION GROUP F: MOTORIST T	URNIN	G, BIC	YCLIST	NOT								
TOTAL GROUP F	9	0.5	8	1	1	0	2	2	4	0	0	0
COLLISION GROUP G: OTHER												
Type 26: Cyclist Going Wrong Way	261	14.6	256	0	2	43	128	52	14	15	4	3
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Park	4	.2	4	0	0	1	2	0	0	0	1	0
Type 36: Cycl. Strikes Slow/Stop Veh.	79	4.4	73	0	3	10	32	15	5	10	0	4
Type 38b: Miscellaneous	17	0.9	17	0	1	2	7	4	2	0	0	1
TOTAL GROUP G	361	20.1	350	0	6	56	169	71	21	25	5	8
GRAND TOTAL ALL GROUPS	1786	100	1733	25	39	375	732	288	140	134	35	43
PERCENT TOTAL ALL GROUPS	100		97.0	1.4	2.2	20.9	40.8	16.1	7.9	7.6	2.0	2.4

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 CITY ROADS

						E	A 10-	GE OF				
COLLISION TYPE	#	%	INJ	FAT	<5	5- 9	10- 15	16- 24	25- 34	35- 54	>55	UNK
COLLISION GROUP A: BICYCLE EN			-		-	-	K LOC		0.	0.	- 00	0
TYPE 1-3: Driveway/Alley	860	15.9	841	1	13	144	223	219	137	71	15	38
Type 4: Curb Shoulder	20	0.4	18	1	0	1	6	3	7	1	2	0
TOTAL GROUP A	880	16.0	859	2	13	145	229	222	144	72	17	38
COLLISION GROUP B: COLLISIONS				S								
Type 5b/6b: Cycl. Disregard Sign/Sgnl	422	7.7	413	3	6	96	155	89	46	13	8	9
Type 7b: Cyclist Fails to Yield	422	7.7	415	1	6	114	159	64	39	26	6	8
Type 8b: Cyclist Turning	159	2.9	153	2	8	27	57	24	22	12	5	4
Type Bb: Cyclist Xing or Entering	279	5.1	273	0	13	102	109	21	9	14	0	11
TOTAL GROUP B, TYPE 5b-Bb	1282	23.3	1254	6	33	339	480	198	116	65	19	32
Type 5m: Motor Veh. Disregards Sign	25	0.5	25	0	1	2	4	9	4	4	0	1
Type 6m: Motor Veh. Disregards Sgnl	46	0.8	45	0	0	0	8	21	12	4	1	0
Type 7m: Motor Veh. Fails to Yield	948	17.2	933	2	5	62	193	289	233	117	25	24
Type 8m: Motor Veh. Turning	28	0.5	28	0	1	0	3	10	10	2	1	1
Type Bx: Inadequate Information	602	10.9	577	2	12	65	119	153	127	66	18	42
TOTAL GROUP B, TYPE 5m-Bx	1649	30.0	1608	4	19	129	327	482	386	193	45	68
TOTAL GROUP B	2931	53.2	2862	10	52	468	807	680	502	258	64	100
COLLISION GROUP C: MOTORIST E										_		
Type 11: Backing from Driveway	50	0.9	48	1	8	11	11	5	8	6	0	1
TOTAL GROUP C	50	0.9	48	1	8	11	11	5	8	6	0	1
COLLISION GROUP D: BICYCLIST H	JIT EDC	VV DEI	ים טואור	v MOT	∩D \/E		_					
Type 13a: M. Veh./Cycl. Go Straight	238	4.3	232	1 WOT	5 VE	10	- 41	53	68	45	8	8
Type 134. W. Verl./Cycl. Go Straight Type 13/14/16/17: Motor Veh. Passing	236	0.4	232	0	0	0	3	4	10	43	2	1
Type 15: Motorist Following Too Close	11	0.2	11	0	0	0	1	4	3	2	0	1
TOTAL GROUP D	273	5.0	267	3	5	10	45	61	81	51	10	10
TOTAL GROOT B	210	0.0	201	J		10	10	01	01	01	10	10
COLLISION GROUP E: BICYCLIST T	URNIN	G/SWI	ERVING	ì								
TOTAL GROUP E	203	3.7	195	1	2	54	68	32	13	16	3	15
COLLISION GROUP F: MOTORIST T	URNIN			NOT								
TOTAL GROUP F	78	1.4	72	0	1	2	6	23	23	16	2	5
0011101011001000100000000												
COLLISION GROUP G: OTHER					_							
Type 26: Cyclist Going Wrong Way	713	13.0	700	0	5	76	275	165	94	62	14	22
Type 28: Motorist Going Wrong Way	2	0.0	2	0	0	0	0	0	2	0	0	0
Type 35: Motorist Driveout from Park	23	0.4	23	0	0	1	3	4	7	5	2	1
Type 36: Cycl. Strikes Slow/Stop Veh.	299	5.4	286	0	10	34	89	65	45	31 7	4	21
Type 38b: Miscellaneous TOTAL GROUP G	54	1.0	53	1	1	4	11	16	9		4	2
TOTAL GROUP G	1091	19.8	1064	1	16	115	378	252	157	105	24	46
GRAND TOTAL ALL GROUPS	5506	100	5367	18	97	805	1544	1273	928	524	120	215
C.O. IND TOTAL ALL ONGOTO	0000	.00	0001	10	31	- 550	.011	,	020	0 <u>L</u> 1	.20	0
PERCENT TOTAL ALL GROUPS	100		97.5	0.3	1.7	14.6	28.1	23.1	16.8	9.5	2.2	3.9

OTHER ROADS/PATHS/TRAILS

						5-	10-	AGE O 16-	F CYC 25-	LIST 35-		
COLLISION TYPE	#	%	INJ	FAT	<5	9	15	24	34	54	>55	UNK
COLLISION GROUP A: BICYCLE EN						BLOC						
TYPE 1-3: Driveway/Alley	9	27.3	9	0	0	2	2	2	1	2	0	0
Type 4: Curb Shoulder TOTAL GROUP A	10	3.0 30.3	1 10	0	0	1	0	0	0	0	0	0
TOTAL GROUP A	10	30.3	10	U	U	3					U	U
COLLISION GROUP B: COLLISIONS	S @ INT	ERSE	CTION	S								
Type 5b/6b: Cycl. Disregard Sign/Sgnl	2	6.1	2	0	0	0	2	0	0	0	0	0
Type 7b: Cyclist Fails to Yield	1	3.0	1	0	0	0	1	0	0	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	2	6.1	2	0	0	1	1 4	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	5	15.2	5	0	0	1	4	0	0	0	0	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Sgnl	0	0	0	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh. Turning	0	0	0	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	2	6.1	2	0	0	0	0	1	0	1	0	0
TOTAL GROUP B, TYPE 5m-Bx	2	6.1	2	0	0	0	0	1	0	1	0	0
TOTAL GROUP B	7	21.2	7	0	0	1	4	1	0	1	0	0
COLLISION GROUP C: MOTORIST I	ENITED	2/I E // \	/EQ DC)	v a ı	VID BI	OCK I	\bigcirc	ION			
Type 11: Backing from Driveway	2	6.1	/E3 KC	0 0	.ı w∈ ı. 0	1 - UI	00K L	000	0	0	0	0
TOTAL GROUP C	2	6.1	2	0	0	1	1	0	0	0	0	0
COLLISION GROUP D: BICYCLIST F	HIT FRO	M BE	HIND B	Y MOT	OR VE	HICLE	Ξ					
Type 13a: M. Veh./Cycl. Go Straight	1	3.0	1	0	0	1	0	0	0	0	0	0
Type 13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Close	0	0 3.0	0	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	1	3.0	1	U	U	1	U	U	U	U	U	U
COLLISION GROUP E: BICYCLIST T	TURNIN	G/SWE	ERVING	}								
TOTAL GROUP E	7	21.2	7	0	0	3	3	0	1	0	0	0
COLLISION GROUP F: MOTORIST 1					•	•	•	•	•	_	•	•
TOTAL GROUP F	0	0	0	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER												
Type 26: Cyclist Going Wrong Way	4	12.1	4	0	1	1	1	0	1	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Park	0	0	0	0	0	0	0	Ö	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	3.0	1	0	0	0	0	1	0	0	0	0
Type 38b: Miscellaneous	1	3.0	1	0	0	0	0	0	1	0	0	0
TOTAL GROUP G	6	18.2	6	0	1	1	1	1	2	0	0	0
GRAND TOTAL ALL GROUPS	33	100	33	0	1	10	11	4	4	3	0	0
PERCENT TOTAL ALL GROUPS	100		100	0	3.0	30.3	33.3	12.1	12.1	9.1	0	0

ADAMS COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENT								ND.	OTTIER
TYPE 1-3: Driveway/Alley	1	9.1	1	0	0	0	0	1	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	1	9.1	1	0	0	0	0	1	0
	_								
COLLISION GROUP B: COLLISIONS				•	•	•	•		
Type 5b/6b: Cycl. Disregard Sign/Signal	3	27.3	3	0	0	0	0	3	0
Type 7b: Cyclist Fails to Yield Type 8b: Cyclist Turning	3 1	27.3 9.1	3 1	0 0	0	0	0	3 1	0
Type 8b: Cyclist Turning Type Bb: Cyclist Xing or Entering	0	9.1	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	7	63.6	7	0	0	0	0	7	0
TOTAL GROOT B, TITLE OF BE	•	00.0	,	Ū	· ·	J	· ·		U
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	0	0	0	0	0	0	0	0	0
TOTAL GROUP B	7	63.6	7	0	0	0	0	7	0
COLLISION GROUP C: MOTORIST EN	NTEDQ/I	EV//ES		۸ ۷ ه ۱۷	IID-BI O(ר ו טכ	ΛΤΙΩΝ		
Type 11: Backing from Driveway	0	0	0	~ı w ıv	0	O	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
TOTAL GROOT G	Ū	Ū	· ·	J			Ū	Ū	
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MO	TOR VE	HICLE				
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TU	IRNING/	SWERVI	ING						
TOTAL GROUP E	1	9.1	1	0	0	0	1	0	0
TOTAL GROOT L	•	0.1	•	J	•	•	•	J	
COLLISION GROUP F: MOTORIST TU	JRNING,	BICYCL	IST NOT						
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	1	9.1	1	0	0	0	0	1	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0 1	0
Type 36: Cycl. Strikes Slow/Stop Ven. Type 38b: Miscellaneous	1 0	9.1 0	1 0	0 0	0	0	0	0	0 0
TOTAL GROUP G	2	18.2	2	0	0	0	0	2	0
	_	10.2	_				- 0		
GRAND TOTAL ALL GROUPS	11	100.0	11	0	0	0	1	10	0

ASOTIN COUNTY

COLLIGION TVDE	,,	0/	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# FEDO/LE:	% ^//ES D						KD.	OTHER
TYPE 1-3: Driveway/Alley	5 (ERS	19.2	JADWA 1 5	@ IVIID	0	2	ON 1	2	0
Type 4: Curb Shoulder	0	19.2	0	0	0	0	0	0	0
TOTAL GROUP A	5	19.2	5	0	0	2	1	2	0
TOTAL GROOT A	3	10.2	3	U	U		•		U
COLLISION GROUP B: COLLISIONS	@ INTEI	RSECTIO	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	2	7.7	2	0	0	1	0	1	0
Type 7b: Cyclist Fails to Yield	1	3.8	1	0	0	0	0	1	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	2	7.7	2	0	0	0	1	1	0
TOTAL GROUP B, TYPE 5b-Bb	5	19.2	5	0	0	1	1	3	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	4	15.4	4	0	0	2	0	2	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	8	30.8	8	0	0	3	1	4	0
TOTAL GROUP B, TYPE 5m-Bx	12	46.2	12	0	0	5	1	6	0
TOTAL GROUP B	17	65.4	17	0	0	6	2	9	0
COLLISION GROUP C: MOTORIST E	NTERS/L				ID-BLO		ATION		
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
	IT EDOM	DELUNIS	N DV 140						
COLLISION GROUP D: BICYCLIST H						•	•	•	•
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TO	IDNING/	C///ED//I	INC						
TOTAL GROUP E	2	7.7	2	0	0	2	0	0	0
TOTAL GROOF L		1.1	2	U	U	2	U	U	U
COLLISION GROUP F: MOTORIST TO	URNING	BICYCI	IST NOT						
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
101/12 GROOF 1	J	J	Ū	J	· ·	•	· ·	•	
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	2	7.7	2	0	0	0	2	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G									
TOTAL GROUP G	2	7.7	2	0	0	0	2	0	0
GRAND TOTAL ALL GROUPS	26	7.7	2 26	0	0	10	2 5	0	0

BENTON COUNTY

COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION TYPE 1-3: Driveway/Alley 20 18.7 20 0 0 0 6 14 0 TYPE 1-3: Driveway/Alley 20 18.7 20 0 0 0 0 6 14 0 TYPE 1-3: Driveway/Alley 20 18.7 20 0 0 0 0 6 14 0 TYPE 4: CUTS Shoulder 0 0 0 0 0 0 0 0 0 0 0 0 0 TOTAL GROUP A 20 18.7 20 0 0 0 0 0 6 14 0 TOTAL GROUP B: COLLISIONS @ INTERSECTIONS TYPE 5b:6b: Cycl. Disregard Sign/Signal 9 8.4 8 0 0 0 0 9 9 0 Type 7b: Cyclist Fails to Yeld 9 8.4 8 0 0 0 0 0 9 0 Type 8b: Cyclist Turning 9 8.4 8 0 0 0 0 0 9 0 Type 8b: Cyclist Turning 9 8.4 9 0 0 0 1 8 0 Type 8b: Cyclist Xing or Entering 7 6.5 7 0 0 0 0 7 7 TOTAL GROUP B, TYPE 5b-Bb 34 31.8 32 0 0 0 0 1 33 0 Type 5m: Motor Veh. Disregards Signal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 6m: Motor Veh. Disregards Signal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 8m: Motor Veh. Disregards Signal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 8m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 8m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 8m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 8m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 0 0 TYPE 8m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 0 0 TOTAL GROUP B, TYPE 5m-Bx 24 22.4 24 0 0 0 0 3 21 0 TOTAL GROUP B, TYPE 5m-Bx 24 22.4 24 0 0 0 0 3 21 0 COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION Type 11: Backing from Driveway 3 2.8 3 0 0 0 0 3 3 0 COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION Type 11: Backing from Driveway 3 2.8 3 0 0 0 0 0 0 0 0 0 TOTAL GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE Type 13a: M. Veh./Cycl. Going Straight 4 3.7 3 1 0 0 0 3 1 0 COLLISION GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP E 2 1.9 2 0 0 0 0 0 0 0 0 0 TOTAL GROUP F: MOTORIST TURNING/SWERVING TOTAL GROUP F: MOTORIST TURNING/SWERVING TOTAL GROUP F: MOTORIST TURNING/SWERVING TOTAL GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP G: OTHER Type 28: Motorist Going Wrong Way 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 36: Cycl. Strikes Slow/Stop Veh. 4 3.7 4 0 0 0 0 1 1 0 0 Type 36: Cycl. S	COLLISION TYPE	#	%	INJ.		INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
TYPE 1-3: Driveway/Alley									KD.	OTHER
TOTAL GROUP A									14	0
COLLISION GROUP B: COLLISIONS @ INTERSECTIONS Type 5b/6b: Cycl. Disregard Sign/Signal 9 8.4 8 0 0 0 0 0 9 0 Type 7b: Cyclist Fails to Yield 9 8.4 8 0 0 0 0 0 9 0 Type 7b: Cyclist Turning 9 8.4 9 0 0 0 0 1 8 0 Type 8b: Cyclist Xing or Entering 7 6.5 7 0 0 0 0 0 7 7 0 TOTAL GROUP B, TYPE 5b-Bb 34 31.8 32 0 0 0 1 33 0 Type 5m: Motor Veh. Disregards Sign 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 7m: Motor Veh. Disregards Signal 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 7m: Motor Veh. Fails to Yield 17 15.9 17 0 0 0 1 1 16 0 Type 8m: Motor Veh. Fails to Yield 17 15.9 17 0 0 0 1 1 16 0 Type 8m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 7m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 Type 8m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 TOTAL GROUP B, TYPE 5m-Bx 24 22.4 24 0 0 0 0 3 21 0 COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION Type 11: Backing from Driveway 3 2.8 3 0 0 0 0 3 2 1 COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE Type 13a: M. Veh./Cycl. Going Straight 4 3.7 3 1 0 0 3 1 0 Type 13: Motorist Following Too Closely 0 0 0 0 0 0 0 0 0 0 0 0 Type 15: Motorist Following Too Closely 0 0 0 0 0 0 0 0 0 0 0 COLLISION GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP F 0 0 0 0 0 0 0 0 0 0 0 COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP F: MOTORIST TURNING/SWERVING TOTAL GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP G: OTHER Type 28: Cyclist Going Wrong Way 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	0	0	0	0
Type 5b/6b: Cycl. Disregard Sign/Signal 9 8.4 8 0 0 0 0 0 9 0 0 1 ype 7b: Cyclist Fails to Yield 9 8.4 8 0 0 0 0 0 9 0 0 1 ype 8b: Cyclist Turning 9 8.4 9 0 0 0 0 1 8 0 0 ype 8b: Cyclist Turning 9 8.4 9 0 0 0 0 1 8 0 0 ype 8b: Cyclist Turning 9 8.4 9 0 0 0 0 1 8 0 0 ype 8b: Cyclist Xing or Entering 7 6.5 7 0 0 0 0 0 7 0 0 ype 7 0 ype 8b: Cyclist Xing or Entering 7 6.5 7 0 0 0 0 0 7 0 0 ype 8b: Cyclist Xing or Entering 7 6.5 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL GROUP A	20	18.7	20	0	0	0	6	14	0
Type 5b/6b: Cycl. Disregard Sign/Signal 9 8.4 8 0 0 0 0 0 9 0 0 1 ype 7b: Cyclist Fails to Yield 9 8.4 8 0 0 0 0 0 9 0 0 1 ype 8b: Cyclist Turning 9 8.4 9 0 0 0 0 1 8 0 0 ype 8b: Cyclist Turning 9 8.4 9 0 0 0 0 1 8 0 0 ype 8b: Cyclist Turning 9 8.4 9 0 0 0 0 1 8 0 0 ype 8b: Cyclist Xing or Entering 7 6.5 7 0 0 0 0 0 7 0 0 ype 7 0 ype 8b: Cyclist Xing or Entering 7 6.5 7 0 0 0 0 0 7 0 0 ype 8b: Cyclist Xing or Entering 7 6.5 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COLLISION CROLIB B: COLLISIONS	@ INITEI	DOECTIO	ONG						
Type 7b: Cyclist Fails to Yield 9 8.4 8 0 0 0 0 0 9 0 0 1 ype 8b: Cyclist Turning 9 8.4 9 0 0 0 0 1 8 0 0 ype 8b: Cyclist Xing or Entering 7 6.5 7 0 0 0 0 0 7 0 0 0 0 0 0 0 0 0 0 0 0					0	0	0	0	9	0
Type 8b: Cyclist Turning 9 8.4 9 0 0 0 1 8 0 0 1 7 9 8 0 0 1 1 8 0 0 1 1 9 8 0 0 1 1 8 0 0 1 1 9 8 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			-							
TOTAL GROUP B, TYPE 5b-Bb 34 31.8 32 0 0 0 1 333 0 Type 5m: Motor Veh. Disregards Sign 0 0 0 0 0 0 0 0 0 0 0 0 Type 6m: Motor Veh. Disregards Signal 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 7m: Motor Veh. Disregards Signal 17 15.9 17 0 0 0 0 1 16 0 Type 8m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 8m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 Type Bx: Inadequate Information 7 6.5 7 0 0 0 0 2 5 0 TOTAL GROUP B, TYPE 5m-Bx 24 22.4 22.4 24 0 0 0 3 21 0 TOTAL GROUP B 58 54.2 56 0 0 0 4 54 0 COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION Type 11: Backing from Driveway 3 2.8 3 0 0 0 0 3 3 0 TOTAL GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE Type 13a: M. Veh./Cycl. Going Straight 4 3.7 3 1 0 0 3 3 1 0 Type13/14/16/17: Motor Veh. Passing 0 0 0 0 0 0 0 0 0 0 0 TYPE 15: Motorist Following Too Closely 0 0 0 0 0 0 0 0 0 0 0 0 COLLISION GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP G: OTHER Type 26: Cyclist Going Wrong Way 15 14.0 15 0 1 1 1 1 12 0 Type 28: Motorist Going Wrong Way 1 5 14.0 15 0 1 1 1 1 1 2 0 Type 28: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 0 0 Type 28: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 0 0 Type 38: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 38: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 38: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 38: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 38: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 38: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 38: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Type 38: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 TOTAL GROUP G: Driveout from Parking 0 0 0 0 0 0 0 0 0 0			8.4		0	0	0	1	8	
Type 5m: Motor Veh. Disregards Sign		7	6.5	7	0	0	0	0	7	0
Type 6m: Motor Veh. Disregards Signal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL GROUP B, TYPE 5b-Bb	34	31.8	32	0	0	0	1	33	0
Type 6m: Motor Veh. Disregards Signal 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Type 5m; Meter Veh, Digregards Sign	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield 17 15.9 17 0 0 0 1 16 0 0 17 ye 8m: Motor Veh. Turning 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			_			_		-	_	
Type 8m: Motor Veh.Turning			-			-			_	
TOTAL GROUP B, TYPE 5m-Bx 24 22.4 24 0 0 0 0 3 21 0 TOTAL GROUP B 58 54.2 56 0 0 0 0 4 54 0 COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION Type 11: Backing from Driveway 3 2.8 3 0 0 0 0 3 0 TOTAL GROUP C 3 2.8 3 0 0 0 0 3 0 COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE Type 13a: M. Veh./Cycl. Going Straight 4 3.7 3 1 0 0 3 1 0 Type 13/14/16/17: Motor Veh. Passing 0 0 0 0 0 0 0 0 0 0 0 Type 15: Motorist Following Too Closely 0 0 0 0 0 0 0 0 0 0 0 TOTAL GROUP D COLLISION GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP G: OTHER Type 26: Cyclist Going Wrong Way 15 14.0 15 0 1 1 1 1 1 2 0 Type 28: Motorist Going Wrong Way 15 14.0 15 0 1 1 1 1 1 2 0 Type 28: Motorist Going Wrong Way 0 0 0 0 0 0 0 0 0 0 Type 35: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 Type 36: Cycl. Strikes Slow/Stop Veh. 4 3.7 4 0 0 0 0 1 1 3 0 Type 38b: Miscellaneous 1 0.9 1 0 0 0 0 1 1 3 TOTAL GROUP G 20 18.7 20 0 1 1 1 2 16					-	_				
TOTAL GROUP B 58 54.2 56 0 0 0 0 4 54 0 COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION Type 11: Backing from Driveway 3 2.8 3 0 0 0 0 3 0 TOTAL GROUP C 3 2.8 3 0 0 0 0 3 0 COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE Type 13a: M. Veh./Cycl. Going Straight 4 3.7 3 1 0 0 3 1 0 Type13/14/16/17: Motor Veh. Passing 0 0 0 0 0 0 0 0 0 0 0 0 Type13/14/16/17: Motor Veh. Passing 0 0 0 0 0 0 0 0 0 0 0 TOTAL GROUP D 4 3.7 3 1 0 0 3 1 0 COLLISION GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP D 2 1.9 2 0 0 0 0 2 0 COLLISION GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP G: OTHER Type 26: Cyclist Going Wrong Way 15 14.0 15 0 1 1 1 12 0 Type 26: Cyclist Going Wrong Way 0 0 0 0 0 0 0 0 0 Type 36: Cycl. Strikes Slow/Stop Veh. 4 3.7 4 0 0 0 0 1 3 0 Type 38: Motorist Driveout from Parking 0 0 0 0 0 0 0 1 1 3 0 Type 38: Miscellaneous 1 0.9 1 0 0 0 0 1 1 3 TOTAL GROUP G 20 18.7 20 0 1 1 1 2 16	Type Bx: Inadequate Information	7	6.5	7	0	0	0	2	5	0
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION Type 11: Backing from Driveway 3 2.8 3 0 0 0 0 3 0 TOTAL GROUP C 3 2.8 3 0 0 0 0 3 0 COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE Type 13a: M. Veh./Cycl. Going Straight 4 3.7 3 1 0 0 3 1 0 Type13/14/16/17: Motor Veh. Passing 0 0 0 0 0 0 0 0 0 0 0 Type 15: Motorist Following Too Closely 0 0 0 0 0 0 0 0 0 0 0 TOTAL GROUP D 4 3.7 3 1 0 0 3 1 0 COLLISION GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP E: BICYCLIST TURNING, BICYCLIST NOT TOTAL GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP G: OTHER Type 26: Cyclist Going Wrong Way 15 14.0 15 0 1 1 1 1 12 0 Type 28: Motorist Going Wrong Way 0 0 0 0 0 0 0 0 0 Type 35: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 Type 36: Cycl. Strikes Slow/Stop Veh. 4 3.7 4 0 0 0 1 1 3 0 Type 38b: Miscellaneous 1 0.9 1 0 0 0 0 1 1 0 TOTAL GROUP G 20 18.7 20 0 1 1 2 16 0	TOTAL GROUP B, TYPE 5m-Bx	24	22.4	24	0	0	0	3	21	0
Type 11: Backing from Driveway	TOTAL GROUP B	58	54.2	56	0	0	0	4	54	0
Type 11: Backing from Driveway	COLLISION GROUP C: MOTORIST EN	JTERS/I	EAV/ES	ROADWA	.∨ @ MII	D-BI OC	רא ו חכי	ATION		
TOTAL GROUP C: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE Type 13a: M. Veh./Cycl. Going Straight									3	0
Type 13a: M. Veh./Cycl. Going Straight 4 3.7 3 1 0 0 3 1 0 Type13/14/16/17: Motor Veh. Passing 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										
Type 13a: M. Veh./Cycl. Going Straight 4 3.7 3 1 0 0 3 1 0 Type13/14/16/17: Motor Veh. Passing 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COLLISION GROUP D: BICYCLIST HI	T FROM	REHINI) BY MOT	OR VEL	IICI E				
Type13/14/16/17: Motor Veh. Passing 0							0	3	1	0
Type 15: Motorist Following Too Closely 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			-			•			=	
COLLISION GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP E		_	_	_	_	-	_	-	0	
TOTAL GROUP E 2 1.9 2 0 0 0 0 2 0 COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL GROUP D	4	3.7	3	1	0	0	3	1	0
TOTAL GROUP E 2 1.9 2 0 0 0 0 2 0 COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	COLLISION GROUP F: BICYCLIST TI	IRNING/	SWFRV	ING						
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT TOTAL GROUP F: MOTORIST TURNING, BICYCLIST NOT COLLISION GROUP G: OTHER Type 26: Cyclist Going Wrong Way 15 14.0 15 0 1 1 1 1 12 0 Type 28: Motorist Going Wrong Way 0 0 0 0 0 0 0 0 0 0 Type 35: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 Type 36: Cycl. Strikes Slow/Stop Veh. 4 3.7 4 0 0 0 0 1 3 0 Type 38b: Miscellaneous 1 0.9 1 0 0 0 0 1 1 0 TOTAL GROUP G 20 18.7 20 0 1 1 2 16 0					0	0	0	0	2	0
TOTAL GROUP F 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							-			
COLLISION GROUP G: OTHER Type 26: Cyclist Going Wrong Way 15 14.0 15 0 1 1 1 1 12 0 Type 28: Motorist Going Wrong Way 0 0 0 0 0 0 0 0 0 0 Type 35: Motorist Driveout from Parking 0 0 0 0 0 0 0 0 0 0 Type 36: Cycl. Strikes Slow/Stop Veh. 4 3.7 4 0 0 0 0 1 3 0 Type 38b: Miscellaneous 1 0.9 1 0 0 0 0 1 0 TOTAL GROUP G 20 18.7 20 0 1 1 2 16 0		JRNING,	BICYCL							
Type 26: Cyclist Going Wrong Way 15 14.0 15 0 1 1 1 12 0 Type 28: Motorist Going Wrong Way 0	TOTAL GROUP F	0	0	0	0	0	0	0	0	0
Type 26: Cyclist Going Wrong Way 15 14.0 15 0 1 1 1 12 0 Type 28: Motorist Going Wrong Way 0	COLLISION GROUP G: OTHER									
Type 28: Motorist Going Wrong Way 0 1 3 0 0 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0		15	14.0	15	0	1	1	1	12	0
Type 36: Cycl. Strikes Slow/Stop Veh. 4 3.7 4 0 0 0 1 3 0 Type 38b: Miscellaneous 1 0.9 1 0 0 0 0 1 0 TOTAL GROUP G 20 18.7 20 0 1 1 2 16 0		0	0		0	0	0	0	0	0
Type 38b: Miscellaneous 1 0.9 1 0 0 0 0 1 0 TOTAL GROUP G 20 18.7 20 0 1 1 2 16 0		0	0	0	0	0	0	0	0	0
TOTAL GROUP G 20 18.7 20 0 1 1 2 16 0				-		_		-		
									-	
GRAND TOTAL ALL GROUPS 107 100.0 104 1 1 1 15 90 0	TOTAL GROUP G	20	18.7	20	0	1	1	2	16	0
	GRAND TOTAL ALL GROUPS	107	100.0	104	1	1	1	15	90	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 CHELAN COUNTY

COLLICION TVDE	ш	0/	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER		
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# ERS/LE	% 4VES RO				-WAY -OCATI		KD.	OTHER		
TYPE 1-3: Driveway/Alley	11	10.9	11	0	0	2	2	7	0		
Type 4: Curb Shoulder	2	2.0	2	0	0	2	0	0	0		
TOTAL GROUP A	13	12.9	13	0	0	4	2	7	0		
COLLISION GROUP B: COLLISIONS			ONS								
Type 5b/6b: Cycl. Disregard Sign/Signal	10	9.9	10	0	0	3	1	6	0		
Type 7b: Cyclist Fails to Yield	5	5.0	5	0	0	0	0	5	0		
Type 8b: Cyclist Turning	3	3.0	3	0	0	0	0	3	0		
Type Bb: Cyclist Xing or Entering TOTAL GROUP B, TYPE 5b-Bb	13 31	12.9 30.7	12 30	0	0	5 8	2	6 20	0		
TOTAL GROOF B, TIFE 35-B5	31	30.7	30	U	U	O	3	20	U		
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0		
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0		
Type 7m: Motor Veh. Fails to Yield	7	6.9	7	0	0	1	0	6	0		
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0		
Type Bx: Inadequate Information	14	13.9	14	0	0	0	3	11	0		
TOTAL GROUP B, TYPE 5m-Bx	21	20.9	21	0	0	1	3	17	0		
TOTAL GROUP B	52	51.5	51	0	0	9	6	37	0		
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION											
Type 11: Backing from Driveway	1	1.0	1	0	0	0	1	0	0		
TOTAL GROUP C	1	1.0	1	0	0	0	1	0	0		
	T 55014	DELUNIE	N DV 1407	-OD \/ELI	UOL E						
COLLISION GROUP D: BICYCLIST HI						4	2	2	0		
Type 13a: M. Veh./Cycl. Going Straight	7	6.9	6	1	0	1	3	3	0		
Type 13/14/16/17: Motor Veh. Passing Type 15: Motorist Following Too Closely	0 1	0 1.0	0 1	0 0	0 0	0 0	0 0	0 1	0 0		
TOTAL GROUP D	8	7.9	7	1	0	1	3	4	0		
				•	Ū	•	· ·	•	J		
COLLISION GROUP E: BICYCLIST TU											
TOTAL GROUP E	5	5.0	5	0	0	0	2	3	0		
COLLISION GROUP F: MOTORIST TU	IRNING	BICYCI	IST NOT								
TOTAL GROUP F	1	1.0	1	0	0	0	0	1	0		
				-							
COLLISION GROUP G: OTHER											
Type 26: Cyclist Going Wrong Way	15	14.9	15	0	0	2	0	13	0		
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0		
Type 35: Motorist Driveout from Parking	1	1.0	1	0	0	0	0	1	0		
Type 36: Cycl. Strikes Slow/Stop Veh.	4	4.0	4	0	0	0	0	4	0		
Type 38b: Miscellaneous	1	1.0	1	0	0	0	1	0	0		
TOTAL GROUP G	21	20.8	21	0	0	2	1	18	0		
GRAND TOTAL ALL GROUPS	101	100.0	99	1	0	16	15	70	0		

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 CLALLAM COUNTY

					INTER	HIGH	CO.	CITY			
COLLISION TYPE	#	%	INJ.	FAT.	STATE	WAY	RD.	RD.	OTHER		
COLLISION GROUP A: BICYCLE ENT								0	0		
TYPE 1-3: Driveway/Alley	17	17.9	17	0	0	6	3	8	0		
Type 4: Curb Shoulder	1	1.1	1	0	0	1 7	0	0	0		
TOTAL GROUP A	18	18.9	18	0	0	1	3	8	0		
COLLISION GROUP B: COLLISIONS	@ INTER	RSECTION	ONS								
Type 5b/6b: Cycl. Disregard Sign/Signal	9	9.5	9	0	0	4	0	5	0		
Type 7b: Cyclist Fails to Yield	8	8.4	8	0	0	2	0	6	0		
Type 8b: Cyclist Turning	2	2.1	2	0	0	1	0	1	0		
Type Bb: Cyclist Xing or Entering	4	4.2	3	0	0	0	0	3	1		
TOTAL GROUP B, TYPE 5b-Bb	23	24.2	22	0	0	7	0	15	1		
Torre Free Meter Vels Diegenerale Circ	0	0	0	0	0	0	0	0	0		
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0		
Type 6m: Motor Veh. Disregards Signal	0 18	0 18.9	0 18	0	0	0	0	0 12	0		
Type 7m: Motor Veh. Fails to Yield	_	18.9	_	0	0	6 0	0	12	0		
Type 8m: Motor Veh.Turning	1 10	10.5	1 10	0 0	0 0	3	0	7	0		
Type Bx: Inadequate Information TOTAL GROUP B, TYPE 5m-Bx	29	30.5	29	0	0	9	0	20	0		
TOTAL GROOF B, TIFE SIII-BX	29	30.5	29	U	U	9	U	20	U		
TOTAL GROUP B	52	54.7	51	0	0	16	0	35	1		
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION											
		LAVES		AT @ IVI 0	11D-BLOC	0 LOC	0	0	0		
Type 11: Backing from Driveway TOTAL GROUP C	0	0	0	0	0	0	0	0	0		
TOTAL GROUP C	U	U	U	U	U	U	U	U	U		
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHINI	D BY MO	TOR VE	HICLE						
Type 13a: M. Veh./Cycl. Going Straight	5	5.3	4	1	0	2	0	3	0		
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0		
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0		
TOTAL GROUP D	5	5.3	4	1	0	2	0	3	0		
COLLISION GROUP E: BICYCLIST TU											
TOTAL GROUP E	2	2.1	2	0	0	2	0	0	0		
				_							
COLLISION GROUP F: MOTORIST TU											
TOTAL GROUP F	2	2.1	2	0	0	2	0	0	0		
COLLISION GROUP G: OTHER											
Type 26: Cyclist Going Wrong Way	11	11.6	11	0	0	8	1	2	0		
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0		
Type 35: Motorist Going Wilding Way Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0		
Type 36: Cycl. Strikes Slow/Stop Veh.	5	5.3	4	0	0	1	0	4	0		
Type 38b: Miscellaneous	0	0.0	0	0	0	0	0	0	0		
TOTAL GROUP G	16	16.8	15	0	0	9	1	6	0		
							-				
GRAND TOTAL ALL GROUPS	95	100.0	92	1	0	38	4	52	1		

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 CLARK COUNTY

COLLISION TYPE	#	%	INJ.		NTER TATE	HIGH WAY	CO. RD.	CITY RD.	OTHER		
COLLISION 1 TPE COLLISION GROUP A: BICYCLE ENT				_		_OCATIO		KD.	OTHER		
TYPE 1-3: Driveway/Alley	58	14.8	57	1	0	6	31	20	1		
Type 4: Curb Shoulder	11	2.8	11	0	2	3	6	0	0		
TOTAL GROUP A	69	17.6	68	1	2	9	37	20	1		
	0 W.T.										
COLLISION GROUP B: COLLISIONS				4	0	0	4.4	40	0		
Type 5b/6b: Cycl. Disregard Sign/Signal	35 22	9.0 5.6	34 21	1 0	0 1	2 0	14 13	19 8	0		
Type 7b: Cyclist Fails to Yield Type 8b: Cyclist Turning	7	1.8	21 7	0	1	1	4	0	0 0		
Type Bb: Cyclist Xing or Entering	23	5.9	23	0	1	0	12	10	0		
TOTAL GROUP B, TYPE 5b-Bb	87	22.2	85	1	3	3	43	38	0		
-, -, -, -, -, -, -, -, -, -, -, -, -, -											
Type 5m: Motor Veh. Disregards Sign	1	0.3	1	0	0	0	0	1	0		
Type 6m: Motor Veh. Disregards Signal	1	0.3	1	0	0	0	1	0	0		
Type 7m: Motor Veh. Fails to Yield	46	11.8	45	0	2	4	22	18	0		
Type 8m: Motor Veh.Turning	1	0.3	1	0	0	0	1	0	0		
Type Bx: Inadequate Information	33	8.4	30	0	0	0	15	18	0		
TOTAL GROUP B, TYPE 5m-Bx	82	21.0	78	0	2	4	39	37	0		
TOTAL GROUP B	169	43.2	163	1	5	7	82	75	0		
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION											
Type 11: Backing from Driveway	5	1.3	5	0	0	0	1	4	0		
TOTAL GROUP C	5	1.3	5	0	0	0	1	4	0		
		5=:	. 5./ 1.05								
COLLISION GROUP D: BICYCLIST HI						•		_	•		
Type 13a: M. Veh./Cycl. Going Straight	16	4.1	15	1	0	2	9	5	0		
Type 13/14/16/17: Motor Veh. Passing Type 15: Motorist Following Too Closely	2 1	0.5 0.3	2 1	0 0	0 0	0 0	2 0	0 1	0 0		
TOTAL GROUP D	19	4.8	18	1	0	2	11	6	0		
TOTAL GROOT B	10	7.0	10	•	U			J	J		
COLLISION GROUP E: BICYCLIST TU	JRNING/	SWERVI	NG								
TOTAL GROUP E	36	9.2	35	0	0	1	22	12	1		
COLLISION GROUP F: MOTORIST TU	JRNING,										
TOTAL GROUP F	4	1.0	3	1	0	1	2	1	0		
COLLISION GROUP G: OTHER											
Type 26: Cyclist Going Wrong Way	79	20.2	76	0	1	3	46	29	0		
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0		
Type 35: Motorist Driveout from Parking	0	0	0	Ö	Ö	0	0	0	0		
Type 36: Cycl. Strikes Slow/Stop Veh.	8	2.0	7	0	0	1	3	4	0		
Type 38b: Miscellaneous	2	0.5	1	1	0	0	0	2	0		
TOTAL GROUP G	89	22.8	84	1	1	4	49	35	0		
CDAND TOTAL ALL CROUPS	004	100.0	070	_	•	0.4	20.4	450	0		
GRAND TOTAL ALL GROUPS	391	100.0	376	5	8	24	204	153	2		

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 COLUMBIA COUNTY

COLLISION TYPE	#	%	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER		
COLLISION TIPE COLLISION GROUP A: BICYCLE ENT								ND.	OTTLK		
TYPE 1-3: Driveway/Alley	3	50.0	3	0	0	2	0	1	0		
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0		
TOTAL GROUP A	3	50.0	3	0	0	2	0	1	0		
COLLISION GROUP B: COLLISIONS											
Type 5b/6b: Cycl. Disregard Sign/Signal	0	0	0	0	0	0	0	0	0		
Type 7b: Cyclist Fails to Yield	1	16.7	1	0	0	0 0	0	1	0		
Type 8b: Cyclist Turning Type Bb: Cyclist Xing or Entering	0	0	0 0	0 0	0 0	0	0 0	0	0 0		
TOTAL GROUP B, TYPE 5b-Bb	1	16.7	1	0	0	0	0	1	0		
TOTAL CROOL B, THE OB BB	•	10.7	•	· ·	Ū	J	U	•	J		
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0		
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0		
Type 7m: Motor Veh. Fails to Yield	1	16.7	1	0	0	0	0	1	0		
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0		
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0		
TOTAL GROUP B, TYPE 5m-Bx	1	16.7	1	0	0	0	0	1	0		
TOTAL GROUP B	2	33.3	2	0	0	0	0	2	0		
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION											
Type 11: Backing from Driveway	1	16.7	1	0	0	0	0	1	0		
TOTAL GROUP C	1	16.7	1	0	0	0	0	1	0		
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MOT	OR VEH	IICI E						
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0		
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0		
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0		
TOTAL GROUP D	0	0	0	0	0	0	0	0	0		
COLLISION GROUP E: BICYCLIST TU	IDNING/	\$\\/ED\/II	NG								
TOTAL GROUP E	0	0	0	0	0	0	0	0	0		
TOTAL GROOT E	U	· ·	J	•	Ū	Ū	· ·	J	J		
COLLISION GROUP F: MOTORIST TU	JRNING,	BICYCLI	ST NOT								
TOTAL GROUP F	0	0	0	0	0	0	0	0	0		
COLLISION GROUP G: OTHER											
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0		
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0		
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0		
Type 36: Cycl. Strikes Slow/Stop Veh. Type 38b: Miscellaneous	0	0	0 0	0 0	0 0	0 0	0 0	0	0 0		
TOTAL GROUP G	0	0	0	0	0	0	0	0	0		
. C. AL GROOF C	0		-	- 0	- 0	- 0	- 0				
GRAND TOTAL ALL GROUPS	6	100.0	6	0	0	2	0	4	0		

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 COWLITZ COUNTY

					INTER	HIGH	CO.	CITY				
COLLISION TYPE	#	%	INJ.	FAT.	STATE	WAY	RD.	RD.	OTHER			
COLLISION GROUP A: BICYCLE ENT								00	•			
TYPE 1-3: Driveway/Alley	35	18.7	34	0	0	8	4	23	0			
Type 4: Curb Shoulder TOTAL GROUP A	0	10.7	0	0	0	0 8	0 4	0 23	0			
TOTAL GROUP A	35	18.7	34	U	U	0	4	23	U			
COLLISION GROUP B: COLLISIONS	@ INTEI	RSECTION	SNC									
Type 5b/6b: Cycl. Disregard Sign/Signal	16	8.6	16	0	0	4	0	12	0			
Type 7b: Cyclist Fails to Yield	12	6.4	12	0	0	2	2	8	0			
Type 8b: Cyclist Turning	3	1.6	3	0	0	1	0	2	0			
Type Bb: Cyclist Xing or Entering	14	7.5	14	0	0	4	1	9	0			
TOTAL GROUP B, TYPE 5b-Bb	45	24.1	45	0	0	11	3	31	0			
Type 5m: Motor Veh. Disregards Sign	1	0.5	1	0	0	0	0	1	0			
Type 6m: Motor Veh. Disregards Signal	1	0.5	1	0	0	0	0	1	0			
Type 7m: Motor Veh. Fails to Yield	25	13.4	24	1	0	6	0	19	0			
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0			
Type Bx: Inadequate Information	19	10.2	18	0	0	6	0	13	0			
TOTAL GROUP B, TYPE 5m-Bx	46	24.6	44	1	0	12	0	34	0			
TOTAL GROUP B	91	48.7	89	1	0	23	3	65	0			
101/12 01(301 B)												
COLLISION GROUP C: MOTORIST EN	NTERS/L		ROADW	AY @ №	IID-BLOC	CK LOCA	ATION					
Type 11: Backing from Driveway	2	0.5	1	1	0	0	0	2	0			
TOTAL GROUP C	2	0.5	1	1	0	0	0	2	0			
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHINI	D BY MO	TOR VE	HICL F							
Type 13a: M. Veh./Cycl. Going Straight	5	2.7	5	0	0	0	1	4	0			
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0			
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0			
TOTAL GROUP D	5	2.7	5	0	0	0	1	4	0			
		014/501/	11.10									
COLLISION GROUP E: BICYCLIST TU				0	0	_	0	_	0			
TOTAL GROUP E	12	6.5	12	0	0	5	2	5	0			
COLLISION GROUP F: MOTORIST TU	IRNING	BICYCI	IST NOT	-								
TOTAL GROUP F	0	0	0	0	0	0	0	0	0			
COLLISION GROUP G: OTHER												
Type 26: Cyclist Going Wrong Way	35	18.7	34	1	1	6	1	27	0			
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0			
Type 35: Motorist Driveout from Parking	1	0.5	1	0	0	0	0	1	0			
Type 36: Cycl. Strikes Slow/Stop Veh.	4	2.1	3	0	0	0	0	4	0			
Type 38b: Miscellaneous	2	1.1	2	0	0	0	0	2	0			
TOTAL GROUP G	42	22.5	40	1	1	6	1	34	0			
GRAND TOTAL ALL GROUPS	187	100.0	181	3	1	42	11	133	0			

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 DOUGLAS COUNTY

COLLISION GROUP A: BICYCLE ENTERS/LEAVES ROADWAY @ MIDBLOCK LOCATION TYPE 1-3: Driveway/Alley 2 9.1 2 0 0 1 0 1 0 Type 4: Curb Shoulder 2 9.1 2 0 0 2 0 0 0 TOTAL GROUP A 4 18.2 4 0 0 3 0 1 0 COLLISION GROUP B: COLLISIONS @ INTERSECTIONS Type 5b/6b: Cycl. Disregard Sign/Signal 7 31.8 6 1 0 3 0 4 0 Type 7b: Cyclist Fails to Yield 0 0 0 0 0 0 0 0 0 Type 8b: Cyclist Turning 0 0 0 0 0 0 0 0 0 Type 8b: Cyclist Xing or Entering 1 4.5 1 0 0 0 0 0 1 TOTAL GROUP B, TYPE 5b-Bb 8 36.4 7 1 0 3 0 5	COLLISION TYPE	#	%	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
TYPE 1-3: Driveway/Alley 2 9.1 2 0 0 1 0 1 0 Type 4: Curb Shoulder 2 9.1 2 0 0 2 0 0 0 TOTAL GROUP A 4 18.2 4 0 0 3 0 1 0 COLLISION GROUP B: COLLISIONS @ INTERSECTIONS Type 5b/6b: Cycl. Disregard Sign/Signal 7 31.8 6 1 0 3 0 4 0 Type 7b: Cyclist Fails to Yield 0 <									KD.	OTHER
Type 4: Curb Shoulder 2 9.1 2 0 0 2 0 0 0 TOTAL GROUP A 4 18.2 4 0 0 3 0 1 0 COLLISION GROUP B: COLLISIONS @ INTERSECTIONS Type 5b/6b: Cycl. Disregard Sign/Signal 7 31.8 6 1 0 3 0 4 0 Type 7b: Cyclist Fails to Yield 0 0 0 0 0 0 0 0 0 0 0 0 Type 8b: Cyclist Fails to Yield 0 0 0 0 0 0 0 0 0 0 0 Type 8b: Cyclist Turning 0 0 0 0 0 0 0 0 0 0 0 Type 8b: Cyclist Xing or Entering 1 4.5 1 0 0 0 0 0 1 0									1	0
TOTAL GROUP A 4 18.2 4 0 0 3 0 1 0 COLLISION GROUP B: COLLISIONS @ INTERSECTIONS Type 5b/6b: Cycl. Disregard Sign/Signal 7 31.8 6 1 0 3 0 4 0 Type 7b: Cyclist Fails to Yield 0								-		
Type 5b/6b: Cycl. Disregard Sign/Signal 7 31.8 6 1 0 3 0 4 0 Type 7b: Cyclist Fails to Yield 0 <td></td> <td>4</td> <td></td> <td>4</td> <td>0</td> <td>0</td> <td>3</td> <td>0</td> <td>1</td> <td>0</td>		4		4	0	0	3	0	1	0
Type 5b/6b: Cycl. Disregard Sign/Signal 7 31.8 6 1 0 3 0 4 0 Type 7b: Cyclist Fails to Yield 0 <td></td>										
Type 7b: Cyclist Fails to Yield 0		@ INTE		ONS						
Type 8b: Cyclist Turning 0 1 0 Type 8b: Cyclist Xing or Entering 1 4.5 1 0 0 0 0 1 0						-				
Type Bb: Cyclist Xing or Entering 1 4.5 1 0 0 0 1 0		_	_	_	_	-		-	_	
		-	_	_	-	-		-	_	_
101AL GROUP B, 11FE 30-80 6 30.4 7 1 0 3 0 5									-	
	TOTAL GROUP B, TTPE 30-B0	0	30.4	1	ı	U	3	U	3	U
Type 5m: Motor Veh. Disregards Sign 0 0 0 0 0 0 0 0	Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal 0 0 0 0 0 0 0 0			-			-	_	-	_	
Type 7m: Motor Veh. Fails to Yield 2 9.1 2 0 0 1 1 0		2	9.1		0	0	0	1	1	0
Type 8m: Motor Veh.Turning 0 0 0 0 0 0 0 0	Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information 1 4.5 1 0 0 0 1 0		1	4.5	1	0	0	0	0	1	
TOTAL GROUP B, TYPE 5m-Bx 3 13.6 3 0 0 1 2 0	TOTAL GROUP B, TYPE 5m-Bx	3	13.6	3	0	0	0	1	2	0
TOTAL GROUP B 11 50.0 10 1 0 3 1 7 0	TOTAL GROUP B	11	50.0	10	1	0	3	1	7	0
COLLICION CROUD C. MOTORIST ENTERS// FAVES ROADWAY @ MID DI COV. LOCATION										
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION Type 11: Backing from Driveway 0 0 0 0 0 0 0 0 0									0	0
TOTAL GROUP C 0 0 0 0 0 0 0 0 0										
TOTAL GROUP C	TOTAL GROOF O	U	U	U	U	U	U	U	U	U
COLLISION GROUP D: BICYCLIST HIT FROM BEHIND BY MOTOR VEHICLE	COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MOT	OR VEH	IICLE				
Type 13a: M. Veh./Cycl. Going Straight 0 0 0 0 0 0 0 0							0	0	0	0
Type13/14/16/17: Motor Veh. Passing 1 4.5 1 0 0 0 1 0 0	Type13/14/16/17: Motor Veh. Passing	1	4.5	1	0	0	0	1	0	0
Type 15: Motorist Following Too Closely 0 0 0 0 0 0 0		0	0	0	0	0	0	0	0	
TOTAL GROUP D 1 4.5 1 0 0 1 0 0	TOTAL GROUP D	1	4.5	1	0	0	0	1	0	0
COLLICION CDOLIDE, DICYCLICT TUDNING/OWEDVING	COLLISION CROLIDE. DICYCLIST TI		CMEDM	INIC						
COLLISION GROUP E: BICYCLIST TURNING/SWERVING TOTAL GROUP E 2 9.1 2 0 0 2 0 0 0					0	0	2	0	Λ	Λ
2 9.1 2 0 0 2 0 0 0	TOTAL GROOF E	2	9.1	2	U	U	2	U	U	U
COLLISION GROUP F: MOTORIST TURNING, BICYCLIST NOT	COLLISION GROUP F: MOTORIST TO	JRNING	BICYCI	IST NOT						
TOTAL GROUP F 0 0 0 0 0 0 0 0 0					0	0	0	0	0	0
COLLISION GROUP G: OTHER	COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way 3 13.6 2 0 0 2 1 0 0		3	13.6		0	0		1	0	0
Type 28: Motorist Going Wrong Way 0 0 0 0 0 0 0 0			_						_	
Type 35: Motorist Driveout from Parking 0 0 0 0 0 0 0 0			_							
Type 36: Cycl. Strikes Slow/Stop Veh. 1 4.5 1 0 0 0 1 0 0					_	-			_	
Type 38b: Miscellaneous 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			_							
TOTAL GROUP G 4 18.2 3 0 0 2 2 0 0	TOTAL GROUP G	4	18.2	3	U	U	2	2	U	U
GRAND TOTAL ALL GROUPS 22 100.0 20 1 0 10 4 8 0	GRAND TOTAL ALL GROUPS	22	100.0	20	1	0	10	4	8	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 FERRY COUNTY

COLLISION TYPE	#	%	INJ.		INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER		
COLLISION 1 TPE COLLISION GROUP A: BICYCLE ENT					_			KD.	OTHER		
TYPE 1-3: Driveway/Alley	1	20.0	1	0	0	0	1	0	0		
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0		
TOTAL GROUP A	1	20.0	1	0	0	0	1	0	0		
COLLISION GROUP B: COLLISIONS	@ INTE		NS								
Type 5b/6b: Cycl. Disregard Sign/Signal	1	20.0	1	0	0	1	0	0	0		
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0		
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0		
Type Bb: Cyclist Xing or Entering TOTAL GROUP B, TYPE 5b-Bb	0	0 20.0	0	0	0	0 1	0	0	0		
TOTAL GROOF B, TIPE 30-B0		20.0		U	U		U	U	U		
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0		
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0		
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0		
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0		
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0		
TOTAL GROUP B, TYPE 5m-Bx	0	0	0	0	0	0	0	0	0		
TOTAL GROUP B	1	20.0	1	0	0	1	0	0	0		
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION											
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0		
TOTAL GROUP C	0	0	0	0	0	0	0	0	0		
COLLICION ODOLID D. DIOVOLICE LI	T	DELUND	DV MOT	OD VEI	IIOI E						
COLLISION GROUP D: BICYCLIST HI						0	0	0	0		
Type 13a: M. Veh./Cycl. Going Straight Type13/14/16/17: Motor Veh. Passing	0 1	0 20.0	0 1	0 0	0 0	0 1	0 0	0	0 0		
Type 15: Motorist Following Too Closely	0	20.0	0	0	0	0	0	0	0		
TOTAL GROUP D	1	20.0	1	0	0	1	0	0	0		
TO ME ORGOT B		20.0	•	J	· ·	•	J	J	J		
COLLISION GROUP E: BICYCLIST TU	JRNING/										
TOTAL GROUP E	2	40.0	2	0	0	1	0	1	0		
COLLICION CROLID F. MOTORICT TI	IDNING	DICYCL	ICT NOT								
COLLISION GROUP F: MOTORIST TU TOTAL GROUP F	JRINING, 0	BICYCL 0	0	0	0	0	0	0	0		
TOTAL GROUP F	U	U	U	U	U	U	U	U	U		
COLLISION GROUP G: OTHER											
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0		
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0		
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0		
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0		
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0		
TOTAL GROUP G	0	0	0	0	0	0	0	0	0		
GRAND TOTAL ALL GROUPS	5	100.0	5	0	0	3	1	1	0		
					-	-					

FRANKLIN COUNTY

OOLLIGION TVDE	,,	0/	INIT	E 4 E	INTER	HIGH	CO.	CITY	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# 	% WES D	INJ.	FAT.	STATE	WAY	RD.	RD.	OTHER
TYPE 1-3: Driveway/Alley	eks/le <i>i</i> 8	21.6	JADWA 1 7	0	OBLUCK I	_OCATI	0	8	0
Type 4: Curb Shoulder	1	21.0	1	0	0	0	0	1	0
TOTAL GROUP A	9	24.3	8	0	0	0	0	9	0
TOTAL GROOT A	U	21.0	0	U	Ū	J	U	J	J
COLLISION GROUP B: COLLISIONS	@ INTE	RSECTION	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	5	13.5	5	0	0	0	1	4	0
Type 7b: Cyclist Fails to Yield	3	8.1	3	0	0	0	0	3	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	4	10.8	4	0	0	0	0	4	0
TOTAL GROUP B, TYPE 5b-Bb	12	32.4	12	0	0	0	1	11	0
		_	_			_			
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield Type 8m: Motor Veh.Turning	1 0	2.7 0	1 0	0 0	0 0	0 0	0 0	1 0	0
Type 8x: Inadequate Information	1	2.7	1	0	0	0	0	1	0 0
TOTAL GROUP B, TYPE 5m-Bx	2	5.4	2	0	0	0	0	2	0
TOTAL GROOF B, THE SIN BX		0.4		U	U	U	U		U
TOTAL GROUP B	14	37.8	14	0	0	0	1	13	0
COLLICION CROUR C. MOTORICT EN	ITEDO/I	E 41/EC		۸ ۷ ۸ ۸	אס פו	N I OO	TION		
COLLISION GROUP C: MOTORIST EN Type 11: Backing from Driveway	NIERS/L 0	EAVES	ROADW.	A T @ IV	11D-BLOC	0 LOC	411ON 0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
TOTAL GROOF C	U	U	U	U	U	U	U	U	U
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHINI	BY MO	TOR VE	HICLE				
Type 13a: M. Veh./Cycl. Going Straight	1	2.7	1	0	0	0	0	1	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	1	2.7	1	0	0	0	0	1	0
COLLISION GROUP E: BICYCLIST TU	RNING/		ING						
TOTAL GROUP E	3	8.1	3	0	0	0	0	3	0
				_					
COLLISION GROUP F: MOTORIST TU	IRNING,								
TOTAL GROUP F	1	2.7	1	0	0	0	0	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	7	18.9	7	0	0	0	1	6	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	2.7	1	0	0	0	0	1	0
Type 38b: Miscellaneous	1	2.7	1	0	0	0	0	1	0
TOTAL GROUP G	9	24.3	9	0	0	0	1	8	0
							_		
GRAND TOTAL ALL GROUPS	37	100.0	36	0	0	0	2	35	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 GARFIELD COUNTY

001110101177/75	,,	0/	15.1.1	- - - - - - - - - -	INTER	HIGH	CO.	CITY	OTHER		
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# 'EDQ/LE/	% WES BC	INJ.	FAT.	STATE	WAY	RD.	RD.	OTHER		
TYPE 1-3: Driveway/Alley	1	100.0	ADVVA I 1	@ IVIID	0	0	0	1	0		
Type 4: Curb Shoulder	0	0.001	0	0	0	0	0	0	0		
TOTAL GROUP A	1	100.0	1	0	0	0	0	1	0		
COLLISION GROUP B: COLLISIONS	@ INTER	RSECTIC	NS								
Type 5b/6b: Cycl. Disregard Sign/Signal	0	0	0	0	0	0	0	0	0		
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0		
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0		
Type Bb: Cyclist Xing or Entering TOTAL GROUP B, TYPE 5b-Bb	0	0	0	0	0	0	0	0	0		
TOTAL GROOF B, TIPE 30-B0	U	U	U	U	U	U	U	U	U		
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0		
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0		
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0		
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0		
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0		
TOTAL GROUP B, TYPE 5m-Bx	0	0	0	0	0	0	0	0	0		
TOTAL GROUP B	0	0	0	0	0	0	0	0	0		
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION											
								0	0		
Type 11: Backing from Driveway TOTAL GROUP C	0	0	0	0	0	0	0	0	0		
TOTAL GROOF C	U	U	U	U	U	U	U	U	U		
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MO	TOR VE	HICLE						
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0		
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0		
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0		
TOTAL GROUP D	0	0	0	0	0	0	0	0	0		
COLLICION CROUD E. DICYCLICT TI			NO								
COLLISION GROUP E: BICYCLIST TU TOTAL GROUP E	JRINING/- 0	5WERVII 0	0	0	0	0	0	0	0		
TOTAL GROUP E	U	U	U	U	U	U	U	U	U		
COLLISION GROUP F: MOTORIST TU	IRNING	BICYCL	IST NOT								
TOTAL GROUP F	0	0	0	0	0	0	0	0	0		
COLLISION GROUP G: OTHER											
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0		
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0		
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0		
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0		
Type 38b: Miscellaneous TOTAL GROUP G	0	0	0	0	0	0	0	0	0		
TOTAL GROUP G	U	U	U	U	U	U	U	U	U		
GRAND TOTAL ALL GROUPS	1	100	1	0	0	0	0	1	0		

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 GRANT COUNTY

COLLICION TVDE	ш	0/	INL		INTER	HIGH WAY	CO. RD.	CITY	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# EDS/LE:	% NVES DO	INJ.		STATE			RD.	OTHER
TYPE 1-3: Driveway/Alley	5 EKS/LE/	9.6	JADWAT 5	@ MIDE	0	1 1	0	4	0
Type 4: Curb Shoulder	1	1.9	1	0	0	0	0	0	1
TOTAL GROUP A	6	11.5	6	0	0	1	0	4	1
TOTAL GROOF A	U	11.5	U	U	U		U	7	ı
COLLISION GROUP B: COLLISIONS	@ INTE	RSECTIO	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	4	7.7	4	0	0	1	1	2	0
Type 7b: Cyclist Fails to Yield	3	5.8	3	0	0	1	0	2	0
Type 8b: Cyclist Turning	4	7.7	4	0	0	1	0	3	0
Type Bb: Cyclist Xing or Entering	2	3.8	2	0	0	0	1	1	0
TOTAL GROUP B, TYPE 5b-Bb	13	25.0	13	0	0	3	2	8	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	5	9.6	5	0	0	2	0	3	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	6	11.5	4	0	0	2	0	4	0
TOTAL GROUP B, TYPE 5m-Bx	11	21.1	9	0	0	4	0	7	0
TOTAL GROUP B	24	46.2	22	0	0	7	2	15	0
COLLISION GROUP C: MOTORIST EN									
Type 11: Backing from Driveway	1	1.9	1	0	0	0	0	1	0
TOTAL GROUP C	1	1.9	1	0	0	0	0	1	0
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	ЭВҮ МОТ	OR VEH	IICLE				
Type 13a: M. Veh./Cycl. Going Straight	3	5.8	2	1	0	0	2	1	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	3	5.8	2	1	0	0	2	1	0
COLLISION GROUP E: BICYCLIST TU				•	•	•		•	
TOTAL GROUP E	3	5.8	3	0	0	0	3	0	0
COLLICION CROLID F. MOTORICT TI	IDAIIAIO	DIOVOL	IOT NOT						
COLLISION GROUP F: MOTORIST TU TOTAL GROUP F			151 NOT	0	0	1	0	^	0
TOTAL GROUP F	1	1.9	ı	0	0	1	0	0	U
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	11	21.1	11	0	0	3	0	8	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	3	5.8	3	0	0	1	0	2	0
Type 38b: Miscellaneous	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP G	14	26.9	14	0	0	4	0	10	0
GRAND TOTAL ALL GROUPS	52	100.0	49	1	0	13	7	31	1

GRAYS HARBOR COUNTY

COLLISION TYPE	#	%	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT						LOCATI		KD.	OTHER
TYPE 1-3: Driveway/Alley	11	11.8	11	0	0	3	3	5	0
Type 4: Curb Shoulder	1	1.1	1	0	0	1	0	0	0
TOTAL GROUP A	12	12.9	12	0	0	4	3	5	0
	- NITE	DOFOTI	2010						
COLLISION GROUP B: COLLISIONS				0	0	2	0	-	0
Type 5b/6b: Cycl. Disregard Sign/Signal Type 7b: Cyclist Fails to Yield	8 20	8.6 21.5	8 20	0 0	0 0	3 3	0 1	5 16	0 0
Type 8b: Cyclist Falls to Held Type 8b: Cyclist Turning	1	1.1	1	0	0	0	0	10	0
Type Bb: Cyclist Xing or Entering	3	3.2	3	0	0	1	1	1	0
TOTAL GROUP B, TYPE 5b-Bb	32	34.4	32	0	0	7	2	23	0
,			-	-	-				-
Type 5m: Motor Veh. Disregards Sign	1	1.1	1	0	0	0	0	1	0
Type 6m: Motor Veh. Disregards Signal	2	2.2	2	0	0	1	0	1	0
Type 7m: Motor Veh. Fails to Yield	10	10.8	10	0	0	3	0	7	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	6	6.5	6	0	0	2	0	4	0
TOTAL GROUP B, TYPE 5m-Bx	19	20.4	19	0	0	6	0	13	0
TOTAL GROUP B	51	54.8	51	0	0	13	2	36	0
COLLISION GROUP C: MOTORIST E	NTERS/I	FAVES	ROADWA	Y @ MII	D-BLOC	CKLOCA	ATION		
Type 11: Backing from Driveway	1	1.1	1	0	0	0	0	1	0
TOTAL GROUP C	1	1.1	1	0	0	0	0	1	0
COLLISION GROUP D: BICYCLIST H	IT EDOM	DELIME	DV MOT	OD VEL	ווכו ד				
Type 13a: M. Veh./Cycl. Going Straight	11 FKOW	3.2	3	OK VEF	0	1	0	2	0
Type 13a. M. Ven./Cycl. Going Straight Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	3	3.2	3	0	0	1	0	2	0
COLLISION GROUP E: BICYCLIST TO				•	•	•	•	•	•
TOTAL GROUP E	6	6.5	6	0	0	2	2	2	0
COLLISION GROUP F: MOTORIST T	IDNING	BICVCI	ICT NOT						
TOTAL GROUP F	1	1.1	1	0	0	0	0	1	0
								•	
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	14	15.0	14	0	0	6	0	8	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	3	3.2	3	0	0	1	0	2	0
Type 38b: Miscellaneous TOTAL GROUP G	2	2.2	2	0	0	0 7	0	2 12	0
TOTAL GROUP G									
	19	20.4	19	0	U	7	U	12	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 ISLAND COUNTY

COLLISION TYPE	#	%	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION 1 YPE COLLISION GROUP A: BICYCLE ENT								KD.	OTHER
TYPE 1-3: Driveway/Alley	11	22.0	11	0	0	1	2	8	0
Type 4: Curb Shoulder	1	2.0	1	0	0	0	1	0	0
TOTAL GROUP A	12	24.0	12	0	0	1	3	8	0
COLLISION GROUP B: COLLISIONS			ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	7	14.0	7	0	0	2	3	2	0
Type 7b: Cyclist Fails to Yield	2	4.0	2	0	0	0	1	1	0
Type 8b: Cyclist Turning Type Bb: Cyclist Xing or Entering	0 2	0 4.0	0 2	0 0	0 0	0 0	0 1	0 1	0 0
TOTAL GROUP B, TYPE 5b-Bb	11	22.0	11	0	0	2	5	4	0
TOTAL GROOT B, THE 3B-BB	- 11	22.0		U	U		3	7	U
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	7	14.0	7	0	0	4	1	2	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	3	6.0	3	0	0	0	2	1	0
TOTAL GROUP B, TYPE 5m-Bx	10	20.0	10	0	0	4	3	3	0
TOTAL GROUP B	21	42.0	21	0	0	6	8	7	0
COLLISION GROUP C: MOTORIST E	NTERS/I	FAVES	ROADWA	Y @ MII	O-BLOC	K LOCA	MOITA		
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HI									
Type 13a: M. Veh./Cycl. Going Straight	5	10.0	5	0	0	2	1	1	1
Type 13/14/16/17: Motor Veh. Passing	2	4.0	2 0	0	0	1 0	0	1	0
Type 15: Motorist Following Too Closely TOTAL GROUP D	7	0 14.0	7	0	0	3	0	0	0
TOTAL GROOF D	,	14.0	ı	U	U	3		2	
COLLISION GROUP E: BICYCLIST TU	JRNING/	SWERVI	ING						
TOTAL GROUP E	4	8.0	4	0	0	1	2	1	0
COLLISION GROUP F: MOTORIST TU						_	_	_	
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	6	12.0	6	0	0	0	2	4	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	6	12.0	6	0	0	0	2	4	0
GRAND TOTAL ALL GROUPS	50	100.0	50	0	0	11	16	22	1

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 JEFFERSON COUNTY

COLLISION TYPE	#	%	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION 1 TPE COLLISION GROUP A: BICYCLE ENT								KD.	OTHER
TYPE 1-3: Driveway/Alley	2	8.0	2	0	0	1	1	0	0
Type 4: Curb Shoulder	1	4.0	1	0	0	1	0	0	0
TOTAL GROUP A	3	12.0	3	0	0	2	1	0	0
TOTAL GROOT A		12.0	•	· ·	U	_		U	· ·
COLLISION GROUP B: COLLISIONS	@ INTE	RSECTIO	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	4	16.0	4	0	0	1	1	2	0
Type 7b: Cyclist Fails to Yield	4	16.0	4	0	0	1	3	0	0
Type 8b: Cyclist Turning	1	4.0	0	0	0	0	0	1	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	9	36.0	8	0	0	2	4	3	0
Type 5m: Motor Veh. Disregards Sign	2	8.0	2	0	0	0	0	2	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	3	12.0	3	0	0	1	0	2	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	2	8.0	2	0	0	0	1	0	1
TOTAL GROUP B, TYPE 5m-Bx	7	28.0	7	0	0	1	1	4	1
TOTAL GROUP B	16	64.0	15	0	0	3	5	7	1
TOTAL GROOF B	10	04.0	15	U	U	3	3	,	ļ.
COLLISION GROUP C: MOTORIST E	NTFRS/I	FAVES	ROADWA	Y @ MII	D-BLOO	CKLOCA	ATION		
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
		-		-	-	-			
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MOT	OR VEH	IICLE				
Type 13a: M. Veh./Cycl. Going Straight	2	8.0	2	0	0	0	2	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	2	8.0	2	0	0	0	2	0	0
COLLISION GROUP E: BICYCLIST TU									
TOTAL GROUP E	3	12.0	3	0	0	2	1	0	0
COLLISION GROUP F: MOTORIST TU								_	
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLICION ODOLID O OTLIED									
COLLISION GROUP G: OTHER		4.0		0	0	0	0	4	0
Type 26: Cyclist Going Wrong Way	1	4.0	1	0	0	0	0	1	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0 0	0	0	0
Type 35: Motorist Driveout from Parking Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0 0	0 0	0 0	0	0 0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	1	4.0	1	0	0	0	0	1	0
TOTAL OROOF O	- 1	7.0		J	U	U	U	- 1	U
GRAND TOTAL ALL GROUPS	25	100.0	24	0	0	7	9	8	1
				_		•	•	•	•

KING COUNTY

COLLISION TYPE	#	%	INJ.		INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT					_			KD.	OTHER
TYPE 1-3: Driveway/Alley	521	16.1	508	3	0	62	65	392	2
Type 4: Curb Shoulder	25	0.8	22	2	0	9	10	6	0
TOTAL GROUP A	546	16.9	530	5	0	71	75	398	2
	O INITE	DOFOTI	0110						
COLLISION GROUP B: COLLISIONS				4	0	20	40	440	4
Type 5b/6b: Cycl. Disregard Sign/Signal Type 7b: Cyclist Fails to Yield	185 212	5.7 6.6	181 209	1 1	0 3	22 16	49 47	113 146	1 0
Type 8b: Cyclist Turning	87	2.7	209 85	1	1	3	14	69	0
Type Bb: Cyclist Xing or Entering	135	4.2	131	2	1	13	26	95	0
TOTAL GROUP B, TYPE 5b-Bb	619	19.1	606	5	5	54	136	423	1
Type 5m: Motor Veh. Disregards Sign	13	0.4	13	0	0	4	0	9	0
Type 6m: Motor Veh. Disregards Signal	31	1.0	30	0	1	7	1	22	0
Type 7m: Motor Veh. Fails to Yield	601	18.6	593	0	3	69	54	475	0
Type 8m: Motor Veh.Turning Type Bx: Inadequate Information	21 358	0.6 11.1	21 340	0 0	0 5	1 38	3 45	17 270	0 0
TOTAL GROUP B, TYPE 5m-Bx	1024	31.6	997	0	9	119	103	793	0
TOTAL GROOT B, TITLE SIII BX	1024	01.0	331	U	3	113	100	730	U
TOTAL GROUP B	1643	50.8	1603	5	14	173	239	1216	1
COLLISION GROUP C: MOTORIST EN	NTERS/L	EAVES	ROADW	AY @ MI	D-BLOC	CK LOCA	ATION		
Type 11: Backing from Driveway	23	0.7	23	0	0	1	5	17	0
TOTAL GROUP C	23	0.7	23	0	0	1	5	17	0
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	D BY MO	TOR VEH	HICLE				
Type 13a: M. Veh./Cycl. Going Straight	158	4.9	156	1	1	14	27	116	0
Type13/14/16/17: Motor Veh. Passing	27	0.8	26	0	0	2	6	19	0
Type 15: Motorist Following Too Closely	9	0.3	9	0	0	2	2	5	0
TOTAL GROUP D	194	6.0	191	1	1	18	35	140	0
COLLISION GROUP E: BICYCLIST TU	RNING/	SWERV	ING						
TOTAL GROUP E	119	3.7	115	1	0	10	36	71	2
COLLISION GROUP F: MOTORIST TU	IRNING,	BICYCL	IST NOT	Γ					
TOTAL GROUP F	62	1.9	57	0	0	4	3	55	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	400	12.4	394	0	3	94	76	225	2
Type 28: Motorist Going Wrong Way	2	0.1	2	0	0	0	0	2	0
Type 35: Motorist Driveout from Parking	23	0.7	23	0	0	1	3	19	0
Type 36: Cycl. Strikes Slow/Stop Veh.	202	6.2	194	0	1	26	32	142	1
Type 38b: Miscellaneous	22	0.7	21	1	1	1	4	15	1
TOTAL GROUP G	649	20.1	634	1	5	122	115	403	4
GRAND TOTAL ALL GROUPS	3236	100.0	3153	13	20	399	508	2300	9
STAIND TOTAL ALL GIVOURS	3230	100.0	3133	13	20	555	500	2300	9

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 KITSAP COUNTY

COLLISION TYPE	#	%	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION 1 YPE COLLISION GROUP A: BICYCLE ENT						LOCATI		KD.	OTHER
TYPE 1-3: Driveway/Alley	51	18.3	50	0	0	5	25	20	1
Type 4: Curb Shoulder	11	3.9	11	0	0	5	5	1	0
TOTAL GROUP A	62	22.2	61	0	0	10	30	21	1
COLLISION GROUP B: COLLISIONS							4.0	4.0	•
Type 5b/6b: Cycl. Disregard Sign/Signal	32	11.5	32	0	0	6	16	10	0
Type 7b: Cyclist Fails to Yield Type 8b: Cyclist Turning	17 7	6.1 2.5	16 7	0 0	0 0	3 2	5 0	9 5	0 0
Type 8b: Cyclist Turning Type Bb: Cyclist Xing or Entering	13	4.7	13	0	0	4	3	6	0
TOTAL GROUP B, TYPE 5b-Bb	69	24.7	68	0	0	15	24	30	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	32	11.5	31	0	0	8	10	14	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	17	6.1	17	0	0	7	4	6	0
TOTAL GROUP B, TYPE 5m-Bx	49	17.6	48	0	0	15	14	20	0
TOTAL GROUP B	118	42.2	116	0	0	30	38	50	0
COLLISION GROUP C: MOTORIST E	UTEDQ/I	EV//ES			n₋BI ∩C	ר ו טכי	NTION		
Type 11: Backing from Driveway	0	0	0	0	0-BLOC	0 LOC	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
TO THE GROOT O	Ū	J	Ū		J	· ·	J	· ·	J
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MO	TOR VEH	ICLE				
Type 13a: M. Veh./Cycl. Going Straight	21	7.5	21	0	0	6	6	9	0
Type13/14/16/17: Motor Veh. Passing	2	0.7	2	0	0	0	1	1	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	23	8.2	23	0	0	6	7	10	0
COLLISION GROUP E: BICYCLIST TU	IDNING/	SWEDVI	ING						
TOTAL GROUP E	30	10.8	30	0	0	4	21	5	0
TOTAL GROOT E	30	10.0	00	U	J	-	21	0	O .
COLLISION GROUP F: MOTORIST TU	JRNING.	BICYCL	IST NOT						
TOTAL GROUP F	3	1.1	3	0	0	0	1	2	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	29	10.4	29	0	0	8	16	4	1
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	12	4.3 0.7	11	0	0	4	2	6 1	0
Type 38b: Miscellaneous TOTAL GROUP G	2 43	0.7 15.4	2 42	0	0	0 12	1 19	11	0
TOTAL GROOF G	43	10.4	42	U	U	12	19		1
GRAND TOTAL ALL GROUPS	279	100.0	275	0	0	62	116	99	2

KITTITAS COUNTY

					INTER	HIGH	CO.	CITY	
COLLISION TYPE	#	%	INJ.	FAT.	STATE	WAY	RD.	RD.	OTHER
COLLISION GROUP A: BICYCLE ENT	ERS/LE/	AVES RO	DADWAY	′ @ MIE	BLOCK	LOCATI	ON		
TYPE 1-3: Driveway/Alley	9	16.1	9	0	0	0	0	9	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	9	16.1	9	0	0	0	0	9	0
COLLISION GROUP B: COLLISIONS	@ INTE	RSECTIO	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	8	14.3	7	0	0	1	0	7	0
Type 7b: Cyclist Fails to Yield	3	5.4	3	0	0	0	0	3	0
Type 8b: Cyclist Turning	1	1.8	1	0	0	0	0	1	0
Type Bb: Cyclist Xing or Entering	1	1.8	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5b-Bb	13	23.2	12	0	0	1	0	12	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	7	12.5	7	0	0	0	0	7	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	8	14.3	7	0	0	0	0	8	0
TOTAL GROUP B, TYPE 5m-Bx	15	26.8	14	0	0	0	0	15	0
				_	_		_		
TOTAL GROUP B	28	50.0	26	0	0	1	0	27	0
00111010110001000100	ITEDO#	E 41/E 0	D 0 4 D 14 /		41D DI 04	2141.00	A TION		
COLLISION GROUP C: MOTORIST EN								_	
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
	T	DELUNIS	. D./ 140	TOD \ (F					
COLLISION GROUP D: BICYCLIST HI						_		_	
Type 13a: M. Veh./Cycl. Going Straight	3	5.4	3	0	0	0	1	2	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	3	5.4	3	0	0	0	1	2	0
COLLICION CROUD E. DICYCLICT TI		CWEDV	INIC						
COLLISION GROUP E: BICYCLIST TU				0	0	^	4	2	0
TOTAL GROUP E	3	5.4	3	0	0	0	1	2	0
COLLICION CROUR F. MOTORICT TI	IDNIINIO	DICYCI	ICT NOT	-					
COLLISION GROUP F: MOTORIST TU					^	^	^	4	0
TOTAL GROUP F	1	1.8	1	0	0	0	0	1	0
COLLISION GROUP G: OTHER									
	_	0.0	_	0	0	^	^	_	0
Type 26: Cyclist Going Wrong Way	5	8.9	5	0	0	0	0	5	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	_	0
Type 36: Cycl. Strikes Slow/Stop Veh. Type 38b: Miscellaneous	6	10.7 1.8	5 1	0	0	0	0	6 1	0
TOTAL GROUP G	1 12	21.4	1 11	0	0	0	0	12	0
TOTAL GROUP G	12	21.4	11	U	U	U	U	12	U
GRAND TOTAL ALL GROUPS	56	100.0	53	0	0	1	2	53	0
GIVAIND TOTAL ALL GIVOURS	50	100.0	55	U	U	ı		55	U

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 KLICKITAT COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENT					_			113.	OTTIET
TYPE 1-3: Driveway/Alley	0	0	0	0	0	0	0	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	0	0	0	0	0	0	0	0	0
COLLISION CROLID D. COLLISIONS		DOFOTIO	ONIC						
COLLISION GROUP B: COLLISIONS Type 5b/6b: Cycl. Disregard Sign/Signal	@ INTE	33.3	ЛNS 2	0	0	0	0	2	0
Type 7b: Cyclist Fails to Yield	1	16.7	1	0	0	1	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	1	16.7	1	0	0	0	1	0	0
TOTAL GROUP B, TYPE 5b-Bb	4	66.7	4	0	0	1	1	2	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal Type 7m: Motor Veh. Fails to Yield	0	0	0 0	0 0	0 0	0 0	0 0	0	0
Type 8m: Motor Veh. Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	1	16.7	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5m-Bx	1	16.7	1	0	0	0	0	1	0
·									
TOTAL GROUP B	5	83.3	5	0	0	1	1	3	0
001110101100000000000000000000000000000	ITEDO#	E 41/E 0	DO 4 DV4/	AN	UD DI 00	214 1 0 0	4.TION		
COLLISION GROUP C: MOTORIST EI								0	•
Type 11: Backing from Driveway TOTAL GROUP C	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	U	U	U	U	U	U	U	U	U
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MO	TOR VE	HICLE				
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TU		C/V/ED//I	INIC						
TOTAL GROUP E. BICYCLIST TO	JRINING/ 1	300ERVI 16.7	1	0	0	1	0	0	0
TOTAL GROOF E		10.7	ı	U	U		U	U	U
COLLISION GROUP F: MOTORIST TU	JRNING.	BICYCL	IST NOT						
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0 0	0 0	0 0	0 0	0 0	0	0 0
Type 38: Cycl. Strikes Slow/Stop Ven. Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
			-						
GRAND TOTAL ALL GROUPS	6	100.0	6	0	0	2	1	3	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 LEWIS COUNTY

OOLLIGION TVDE	.,	0.4			INTER	HIGH	CO.	CITY	OTUED
COLLISION TYPE	# 	% 	INJ.		STATE	WAY	RD.	RD.	OTHER
COLLISION GROUP A: BICYCLE ENT TYPE 1-3: Driveway/Alley	ERS/LE/ 6	4VES RI 6.0	JADWAY 5	' @ MIDE	BLOCK I	-OCATII 1	JN 3	2	0
Type 4: Curb Shoulder	2	2.0	5 2	0	0	1	ა 1	0	0
TOTAL GROUP A	8	8.0	7	1	0	2	4	2	0
TOTAL GROOT A	U	0.0	•	·	U		-		U
COLLISION GROUP B: COLLISIONS	@ INTER	RSECTION	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	11	11.0	11	0	1	0	0	10	0
Type 7b: Cyclist Fails to Yield	5	5.0	5	0	0	1	0	4	0
Type 8b: Cyclist Turning	1	1.0	1	0	0	1	0	0	0
Type Bb: Cyclist Xing or Entering	3	3.0	3	0	0	2	0	1	0
TOTAL GROUP B, TYPE 5b-Bb	20	20.0	20	0	1	4	0	15	0
T 5 M . V . B: 1 0:		4.0							
Type 5m: Motor Veh. Disregards Sign	1	1.0	1	0	0	0	1	0	0
Type 6m: Motor Veh. Disregards Signal Type 7m: Motor Veh. Fails to Yield	1 12	1.0 12.0	1 12	0 0	0 0	0	0 0	1 7	0
Type 8m: Motor Veh.Turning	0	12.0	0	0	0	5 0	0	0	0 0
Type Bx: Inadequate Information	7	7.0	7	0	0	1	1	5	0
TOTAL GROUP B, TYPE 5m-Bx	21	21.0	21	0	0	6	2	13	0
TOTAL CROOL B, THE OIL BX	21	21.0			•	•	_	10	U
TOTAL GROUP B	41	41.0	41	0	1	10	2	28	0
COLLISION GROUP C: MOTORIST EN	JTEDQ/I	EV//ES		^	D-BL OC	יג ו הכי	\TION		
Type 11: Backing from Driveway	VILIX3/L 0	0	0	∧ı ⊚ıvıı 0	D-DLOC	,	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
TOTAL GROOT G	U	U		· ·	•		•	· ·	U
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	D BY MO	TOR VEH	HCLE				
Type 13a: M. Veh./Cycl. Going Straight	6	6.0	6	0	1	0	2	3	0
Type13/14/16/17: Motor Veh. Passing	2	2.0	2	0	0	0	2	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	8	8.0	8	0	1	0	4	3	0
		_							
COLLISION GROUP E: BICYCLIST TU									
TOTAL GROUP E	7	7.0	7	0	0	2	3	2	0
COLLIDION ODOLIDE MOTORIOTTI		DIOVO	IOT NOT	_					
COLLISION GROUP F: MOTORIST TU					0	0	0	0	0
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	32	32.0	32	0	2	3	6	21	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	Ö	0	Ö	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	3	3.0	3	0	0	1	1	1	0
Type 38b: Miscellaneous	1	1.0	1	0	0	0	1	0	0
TOTAL GROUP G	36	36.0	36	0	2	4	8	22	0
GRAND TOTAL ALL GROUPS	100	100.0	99	1	4	18	21	57	0

LINCOLN COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENT					_			110.	OTTILIT
TYPE 1-3: Driveway/Alley	1	20.0	1	0	0	0	0	1	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	1	20.0	1	0	0	0	0	1	0
COLLISION GROUP B: COLLISIONS	@ INITE	DOFOTIO	ONIC						
Type 5b/6b: Cycl. Disregard Sign/Signal	@ INTE	20.0	אוכ 1	0	0	1	0	0	0
Type 7b: Cyclist Fails to Yield	1	20.0	1	0	0	0	0	1	0
Type 8b: Cyclist Turning	1	20.0	1	0	0	1	0	0	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	3		3	0	0	2	0	1	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield Type 8m: Motor Veh.Turning	0	0	0 0	0 0	0 0	0 0	0 0	0	0 0
Type 8th. Motor Ven. Turning Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	0	0	0	0	0	0	0	0	0
		•	•				•	Ū	
TOTAL GROUP B	3	60.0	3	0	0	2	0	1	0
COLLISION GROUP C: MOTORIST EN	NTERS/L	EAVES	ROADWA	AY @ M	ID-BLO	CK LOC	ATION		
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HI	T FROM	ΒΕΗΙΝΓ	BY MOT	OR VF	HICI F				
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TU	IRNING/	SWFRVI	NG						
TOTAL GROUP E	0	0	0	0	0	0	0	0	0
	· ·	· ·	•		•		·	Ū	
COLLISION GROUP F: MOTORIST TU	JRNING,	BICYCL	IST NOT						
TOTAL GROUP F	1	20.0	1	0	0	0	0	1	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking Type 36: Cycl. Strikes Slow/Stop Veh.	0 0	0	0 0	0 0	0 0	0 0	0 0	0	0 0
Type 38: Cycl. Strikes Slow/Stop Ven. Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
GRAND TOTAL ALL GROUPS	5	100.0	5	0	0	2	0	3	0

MASON COUNTY

COLLISION TYPE	#	%	INJ.		INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENT					_			ND.	OTTIER
TYPE 1-3: Driveway/Alley	7	20.6	6	0	0	3	3	1	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	7	20.6	6	0	0	3	3	1	0
COLLISION GROUP B: COLLISIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	3	8.8	3	0	0	0	0	3	0
Type 7b: Cyclist Fails to Yield	5	14.7 2.9	5 1	0	0	1 0	0	4 1	0
Type 8b: Cyclist Turning Type Bb: Cyclist Xing or Entering	1 0	2.9	0	0 0	0 0	0	0 0	0	0 0
TOTAL GROUP B, TYPE 5b-Bb	9	26.5	9	0	0	1	0	8	0
TOTAL GROOF B, THE 3B-BB	3	20.5	3	U	U	•	U	U	U
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	2	5.9	2	0	0	2	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	6	17.6	6	0	0	2	0	4	0
TOTAL GROUP B, TYPE 5m-Bx	8	23.5	8	0	0	4	0	4	0
TOTAL GROUP B	17	50.0	17	0	0	5	0	12	0
COLLISION GROUP C: MOTORIST EI	NTERS/L	EAVES	ROADWA	AY @ MI	D-BLOC	CK LOCA	ATION		
Type 11: Backing from Driveway	1	2.9	1	0	0	0	0	0	1
TOTAL GROUP C	1	2.9	1	0	0	0	0	0	1
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	ВҮ МОТ	OR VEH	HICLE				
Type 13a: M. Veh./Cycl. Going Straight	2	5.9	2	0	0	1	0	1	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	2	5.9	2	0	0	1	0	1	0
COLLISION GROUP E: BICYCLIST TU	JRNING/	SWERV	ING						
TOTAL GROUP E	1	2.9	1	0	0	0	1	0	0
COLLISION GROUP F: MOTORIST TU	JRNING,	BICYCL	IST NOT						
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	5	14.7	5	0	0	1	2	2	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	1	2.9	1	0	0	1	0	0	0
TOTAL GROUP G	6	17.6	6	0	0	2	2	2	0

OKANOGAN COUNTY

					INTER	HIGH	CO.	CITY	
COLLISION TYPE	#	%	INJ.	FAT.	STATE	WAY	RD.	RD.	OTHER
COLLISION GROUP A: BICYCLE ENT	ERS/LE/	AVES RO	DADWAY	@ MID	BLOCK	LOCATI	ON		
TYPE 1-3: Driveway/Alley	2	10.5	2	0	0	2	0	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	2	10.5	2	0	0	2	0	0	0
	0 W.T.		2110						
COLLISION GROUP B: COLLISIONS				_				_	
Type 5b/6b: Cycl. Disregard Sign/Signal	1	5.3	1	0	0	1	0	0	0
Type 7b: Cyclist Fails to Yield	3	15.8	2	1	0	1	0	2	0
Type 8b: Cyclist Turning	2	10.5	2	0	0	2 2	0	0	0
Type Bb: Cyclist Xing or Entering TOTAL GROUP B, TYPE 5b-Bb	2 8	10.5 42.1	2 7	0	0	6	0	0	0
TOTAL GROUP B, TTPE 50-B0	0	42.1	1	ı	U	0	U	2	U
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	1	5.3	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5m-Bx	1	5.3	1	0	0	0	0	1	0
TOTAL GROUP B	9	47.4	8	1	0	6	0	3	0
001110101100000000000000000000000000000	UTED 0 //	E 41/E 0	DO 4 DV4/	A)/ O I	41D DI 04	214.1.00			
COLLISION GROUP C: MOTORIST EI								_	
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HI	T EDOM	DELLINIC							
				1 OK VE	0	0	0	0	0
Type 13a: M. Veh./Cycl. Going Straight Type13/14/16/17: Motor Veh. Passing	0 0	0 0	0 0	0	0	0	0 0	0	0 0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
TOTAL GROOT B	U	O .	U	U	U	U	U	U	U
COLLISION GROUP E: BICYCLIST TU	JRNING/	SWERVI	ING						
TOTAL GROUP E	4	21.1	4	0	0	3	1	0	0
COLLISION GROUP F: MOTORIST TU	JRNING,	BICYCL	IST NOT						
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	3	15.8	3	0	0	1	0	2	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	5.3	1	0	0	1	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	4	21.1	4	0	0	2	0	2	0
GRAND TOTAL ALL GROUPS	19	100.0	18	1	0	13	1	5	0
GRAND TOTAL ALL GROUPS	19	100.0	10		U	13	I	Э	U

PACIFIC COUNTY

COLLICION TYPE	11	0/	INI		INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENTI			INJ. OADWAY		_			KD.	OTHER
TYPE 1-3: Driveway/Alley	2	10.0	1	0	0	2	0	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	2	10.0	1	0	0	2	0	0	0
COLLISION GROUP B: COLLISIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	3	15.0	3	0	0	2	1	0	0
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8b: Cyclist Turning Type Bb: Cyclist Xing or Entering	1 2	5.0 10.0	1 2	0 0	0 0	0 0	1 1	0 1	0 0
TOTAL GROUP B, TYPE 5b-Bb	6	30.0	6	0	0	2	3	1	0
TOTAL GROOF B, THE SB-BB	U	30.0	U	U	U	2	3	Į.	U
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	3	15.0	2	1	0	2	0	1	0
TOTAL GROUP B, TYPE 5m-Bx	3	15.0	2	1	0	2	0	1	0
TOTAL GROUP B	9	45.0	8	1	0	4	3	2	0
COLLISION GROUP C: MOTORIST EN	JTFRS/I	FAVES	ROADWA	AY @ MI	D-BLOC	K L OCA	MOITA		
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HI	ΓFROM	BEHIN	D BY MOT	TOR VEH	HICLE				
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TU	RNING/	SWERV	ING						
TOTAL GROUP E	4	20.0	4	0	0	3	1	0	0
COLLISION GROUP F: MOTORIST TU	RNING	BICYCI	IST NOT						
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
	-	-	-		-		-	-	
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	2	10.0	2	0	0	1	0	1	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	1	5.0	1	0	0	0	1	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	5.0	0	0	0	1	0	0	0
Type 38b: Miscellaneous	1	5.0	1	0	0	0	1	0	0
TOTAL GROUP G	5	25.0	4	0	0	2	2	1	0
GRAND TOTAL ALL GROUPS	20	100.0	17	1	0	11	6	3	0

PEND OREILLE COUNTY

OOLLIGION TYPE	,,	0/	INI	FAT	INTER	HIGH WAY	CO.	CITY	OTUED		
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# ERS/LE/	% 3VES R	INJ. OADWAN	FAT. / @ MID	STATE BLOCK		RD. ∩N	RD.	OTHER		
TYPE 1-3: Driveway/Alley	LING/LL/ 1	25.0	1	0 WIND	0	1	0	0	0		
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0		
TOTAL GROUP A	1	25.0	1	0	0	1	0	0	0		
COLLISION GROUP B: COLLISIONS	@ INTER	RSECTI	ONS								
Type 5b/6b: Cycl. Disregard Sign/Signal	0	0	0	0	0	0	0	0	0		
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0		
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0		
Type Bb: Cyclist Xing or Entering TOTAL GROUP B, TYPE 5b-Bb	0	0	0	0	0	0	0	0	0		
TOTAL GROOF B, TIFE 30-Bb	U	U	U	U	U	U	U	U	U		
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0		
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0		
Type 7m: Motor Veh. Fails to Yield	2	50.0	2	0	0	2	0	0	0		
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0		
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0		
TOTAL GROUP B, TYPE 5m-Bx	2	50.0	2	0	0	2	0	0	0		
TOTAL GROUP B	2	50.0	2	0	0	2	0	0	0		
COLLISION GROUP C: MOTORIST ENTERS/LEAVES ROADWAY @ MID-BLOCK LOCATION											
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0		
TOTAL GROUP C	0	0	0	0	0	0	0	0	0		
COLLISION GROUP D: BICYCLIST HI	T FROM	REHINI	O BY MO	TOR VE	HICI E						
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0		
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0		
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0		
TOTAL GROUP D	0	0	0	0	0	0	0	0	0		
COLLISION GROUP E: BICYCLIST TU		C/V/ED//	INIC								
TOTAL GROUP E	0	0	0	0	0	0	0	0	0		
TOTAL GROOT E	U	U	U	U	U	U	U	U	U		
COLLISION GROUP F: MOTORIST TU	JRNING.	BICYCL	IST NOT	Γ							
TOTAL GROUP F	0	0	0	0	0	0	0	0	0		
COLLICION CROLID O: OTHER											
COLLISION GROUP G: OTHER	0	^	0	0	0	0	0	0	0		
Type 26: Cyclist Going Wrong Way Type 28: Motorist Going Wrong Way	0	0	0 0	0 0	0 0	0 0	0 0	0	0 0		
Type 35: Motorist Going Wrong Way Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0		
Type 36: Cycl. Strikes Slow/Stop Veh.	1	25.0	1	0	0	0	1	0	0		
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0		
TOTAL GROUP G	1	25.0	1	0	0	0	1	0	0		
GRAND TOTAL ALL GROUPS	4	100.0	4	0	0	3	1	0	0		
GRAIND TOTAL ALL GROUPS	4	100.0	4	U	U	3		U	U		

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 PIERCE COUNTY

COLLICION TVDE	ш	0/	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# ERS/LE	% AVES RO				LOCATION		KD.	OTHER
TYPE 1-3: Driveway/Alley	137	14.4	133	1	0	18	45	71	3
Type 4: Curb Shoulder	14	1.5	14	0	0	4	7	3	0
TOTAL GROUP A	151	15.9	147	1	0	22	52	74	3
COLLISION GROUP B: COLLISIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	86	9.1	85	1	0	7	20	59	0
Type 7b: Cyclist Fails to Yield	70	7.4	70	0	1	5	22	42	0
Type 8b: Cyclist Turning Type Bb: Cyclist Xing or Entering	35 63	3.7 6.6	34 61	0 1	0 0	4 4	15 18	16 41	0 0
TOTAL GROUP B, TYPE 5b-Bb	254	26.8	250	2	1	20	75	158	0
TOTAL GROOT B, THE 3B-BB	204	20.0	200			20	73	130	U
Type 5m: Motor Veh. Disregards Sign	5	0.5	5	0	0	0	1	4	0
Type 6m: Motor Veh. Disregards Signal	7	0.7	7	0	0	0	1	6	0
Type 7m: Motor Veh. Fails to Yield	117	12.3	117	0	0	9	21	87	0
Type 8m: Motor Veh.Turning	4	0.4	4	0	0	1	1	2	0
Type Bx: Inadequate Information	62	6.5	61	0	0	1	17	43	1
TOTAL GROUP B, TYPE 5m-Bx	195	20.5	194	0	0	11	41	142	1
TOTAL GROUP B	449	47.3	444	2	1	31	116	300	1
COLLISION GROUP C: MOTORIST E	NTERS/I	FAVES	ROADWA	ΔΥ @ МΙΓ	D-BLOC	CK LOCA	MOITA		
Type 11: Backing from Driveway	8	0.8	7	0	0	0	0	7	1
TOTAL GROUP C	8	0.8	7	0	0	0	0	7	1
COLLISION GROUP D: BICYCLIST HI	T EDOM	DELINIT		TOD VEH	ICI E				
Type 13a: M. Veh./Cycl. Going Straight	40	4.2	38	1	0	2	16	22	0
Type13/14/16/17: Motor Veh. Passing	12	1.3	12	0	0	1	11	0	0
Type 15: Motorist Following Too Closely	2	0.2	2	Ö	0	0	0	2	0
TOTAL GROUP D	54	5.7	52	1	0	3	27	24	0
COLLICION CROLIR E. DIOVOLICE EL		CVVEDVI	INIC						
COLLISION GROUP E: BICYCLIST TU TOTAL GROUP E	81	8.5	75	4	0	6	44	30	1
TOTAL GROOF E	01	0.5	73	7	U	U	77	30	
COLLISION GROUP F: MOTORIST TU	JRNING.	BICYCL	IST NOT						
TOTAL GROUP F	4	0.4	4	0	0	1	0	3	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	145	15.3	143	0	3	32	47	63	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	42 15	4.4	39 45	0	1	2	9	30	0
Type 38b: Miscellaneous TOTAL GROUP G	15	1.6	15 197	0	0 4	1 35	8	6 99	0
TOTAL GROUP G	202	21.3	197	0	4	33	64	99	U
GRAND TOTAL ALL GROUPS	949	100.0	926	8	5	98	303	537	6

SAN JUAN COUNTY

COLLIGION TVDE	11	0/	INII		INTER	HIGH	CO.	CITY	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# 'EDS/IE/	% ^\/ES D(INJ.	FAT. ′ ⋒ MID	STATE	WAY LOCATI	RD. ON	RD.	OTHER
TYPE 1-3: Driveway/Alley	1	14.3	1	@ IVIID	0	0	0	1	0
Type 4: Curb Shoulder	1	14.3	1	0	0	0	1	0	0
TOTAL GROUP A	2	28.6	2	0	0	0	1	1	0
COLLISION GROUP B: COLLISIONS	@ INTE	RSECTIO	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	1	14.3	1	0	0	0	1	0	0
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering TOTAL GROUP B, TYPE 5b-Bb	0	0	0 1	0	0	0	0 1	0	0
TOTAL GROUP B, TTPE 50-B0		14.3	ı	U	U	U		U	U
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8m: Motor Veh.Turning	1	14.3	1	0	0	0	1	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	1	14.3	1	0	0	0	1	0	0
TOTAL GROUP B	2	28.6	2	0	0	0	2	0	0
COLLISION GROUP C: MOTORIST EN									
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MO	TOR VE	HICLE				
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	1	14.3	1	0	0	0	1	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	1	14.3	1	0	0	0	1	0	0
COLLICION CROLID E. DIOVOLICE EL		O) (/ E D) / I	NO						
COLLISION GROUP E: BICYCLIST TU TOTAL GROUP E	JRNING/ 1	500ERVI 14.3	NG 1	0	0	0	1	0	0
TOTAL GROUP E		14.3	ı	U	U	U		U	U
COLLISION GROUP F: MOTORIST TU	IRNING	BICYCI	IST NOT	•					
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
			•					•	
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	14.3	1	0	0	0	1	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	1	14.3	1	0	0	0	1	0	0
GRAND TOTAL ALL GROUPS	7	100.0	7	0	0	0	6	1	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 SKAGIT COUNTY

		•			NTER	HIGH	CO.	CITY	071150
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# ERS/LE	% AVES RO	-		STATE	WAY LOCATI	RD. ON	RD.	OTHER
TYPE 1-3: Driveway/Alley	10	8.3	10	0	0	1	3	6	0
Type 4: Curb Shoulder	4	3.3	4	0	0	1	3	0	0
TOTAL GROUP A	14	11.6	14	0	0	2	6	6	0
	0 NITE	DOFOTIO	2010						
COLLISION GROUP B: COLLISIONS Type 5b/6b: Cycl. Disregard Sign/Signal		10.7		0	0	4	2	7	0
Type 7b: Cyclist Fails to Yield	13 8	6.6	13 8	0 0	0 0	4 2	2 1	7 5	0 0
Type 8b: Cyclist Turning	4	3.3	4	0	0	3	1	0	0
Type Bb: Cyclist Xing or Entering	7	5.8	7	0	0	2	1	4	0
TOTAL GROUP B, TYPE 5b-Bb	32	26.4	32	0	0	11	5	16	0
T		0.0		•			•		•
Type 5m: Motor Veh. Disregards Sign Type 6m: Motor Veh. Disregards Signal	1	0.8 0	1 0	0 0	0 0	0 0	0 0	1 0	0 0
Type 7m: Motor Veh. Fails to Yield	25	20.7	25	0	0	9	1	15	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	9	7.4	8	0	0	2	0	7	0
TOTAL GROUP B, TYPE 5m-Bx	35	28.9	34	0	0	11	1	23	0
TOTAL GROUP B	67	55.4	66	0	0	22	6	39	0
COLLISION GROUP C: MOTORIST EN	NTERS/I	EAV/ES		v ⊚ Mii	S-BL OC	ר או חרי	ATION		
Type 11: Backing from Driveway	0	0	0	0)-DLOC) (LOC/ 0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HI									
Type 13a: M. Veh./Cycl. Going Straight	2	1.7	2	0	0	1	0	1	0
Type13/14/16/17: Motor Veh. Passing	1	0.8	1	0	0	0	1	0	0
Type 15: Motorist Following Too Closely TOTAL GROUP D	3	0 2.5	0 3	0	0	0 1	0 1	0	0
TOTAL GROOF D	3	2.5	3	U	U				U
COLLISION GROUP E: BICYCLIST TU	JRNING/	SWERVI	NG						
TOTAL GROUP E	9	7.4	9	0	0	3	4	2	0
COLLISION GROUP F: MOTORIST TU				•			•	•	•
TOTAL GROUP F	1	8.0	1	0	0	1	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	19	15.7	19	0	0	9	2	8	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	7	5.8	7	0	0	1	1	5	0
Type 38b: Miscellaneous	1	0.8	1	0	0	0	0	1	0
TOTAL GROUP G	27	22.3	27	0	0	10	3	14	0
GRAND TOTAL ALL GROUPS	121	100.0	120	0	0	39	20	62	0
CITALID TO THE HELDINGOTO	141	100.0	120	9	U	00	20	UZ	U

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 SKAMANIA COUNTY

COLLISION TYPE	#	%	INJ.	FAT.	INTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENT					_			110.	OTTIET
TYPE 1-3: Driveway/Alley	1	25.0	1	0	0	0	1	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	1	25.0	1	0	0	0	1	0	0
	⊚ INITEI	DOFOTIO	ONIC						
COLLISION GROUP B: COLLISIONS Type 5b/6b: Cycl. Disregard Sign/Signal	@ INTE	25.0	סמכ 1	0	0	0	1	0	0
Type 7b: Cyclist Fails to Yield	1	25.0	1	0	0	1	0	0	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5b-Bb	2	50.0	2	0	0	1	1	0	0
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield Type 8m: Motor Veh.Turning	0	0	0 0	0 0	0 0	0 0	0 0	0	0 0
Type 8th. Motor Ven. Turning Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	0	0	0	0	0	0	0	0	0
		•	•				•	J	
TOTAL GROUP B	2	50.0	2	0	0	1	1	0	0
COLLISION GROUP C: MOTORIST EN	NTERS/L	EAVES	ROADWA	AY @ M	ID-BLO	CK LOC	ATION		
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HI	T FROM	REHIND) BY MOT	OR VE	HICL F				
Type 13a: M. Veh./Cycl. Going Straight	0	0	0	0	0	0	0	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
COLLISION GROUP E: BICYCLIST TU	IRNING/	SWERVI	ING						
TOTAL GROUP E	1	25.0	1	0	0	0	1	0	0
						-		-	
COLLISION GROUP F: MOTORIST TU	JRNING,	BICYCL	IST NOT						
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLICION CROLID C. OTLIED									
COLLISION GROUP G: OTHER	0	0	^	0	0	^	0	0	0
Type 26: Cyclist Going Wrong Way Type 28: Motorist Going Wrong Way	0 0	0	0 0	0 0	0 0	0 0	0 0	0	0 0
Type 35: Motorist Going Wrong Way Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	Ö	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
ODANID TOTAL ALL ODGESTS		100.0							
GRAND TOTAL ALL GROUPS	4	100.0	4	0	0	1	3	0	0

SNOHOMISH COUNTY

					INTER	HIGH	CO.	CITY	
COLLISION TYPE	#	%	INJ.	FAT.	STATE	WAY	RD.	RD.	OTHER
COLLISION GROUP A: BICYCLE ENT									_
TYPE 1-3: Driveway/Alley	133	17.9	133	0	0	18	44	71	0
Type 4: Curb Shoulder	11	1.5	11	0	0	6	3	2	0
TOTAL GROUP A	144	19.3	144	0	0	24	47	73	0
COLLISION GROUP B: COLLISIONS	@ INTFI	RSECTIO	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	56	7.5	53	1	2	7	13	34	0
Type 7b: Cyclist Fails to Yield	64	8.6	64	0	0	11	19	34	0
Type 8b: Cyclist Turning	25	3.4	24	0	1	7	10	7	0
Type Bb: Cyclist Xing or Entering	44	5.9	42	0	0	3	14	26	1
TOTAL GROUP B, TYPE 5b-Bb	189	25.3	183	1	3	28	56	101	1
-, -, -, -, -, -, -, -, -, -, -, -, -, -									
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	6	0.8	6	0	0	2	0	4	0
Type 7m: Motor Veh. Fails to Yield	78	10.5	77	0	3	28	5	42	0
Type 8m: Motor Veh.Turning	3	0.4	3	0	0	1	1	1	0
Type Bx: Inadequate Information	59	7.9	55	1	2	14	9	34	0
TOTAL GROUP B, TYPE 5m-Bx	146	19.6	141	1	5	45	15	81	0
TOTAL GROUP B	335	44.9	324	2	8	73	71	182	1
COLLISION CROLID C. MOTORIST EN	JTEDO/I	E 41/EC		۸۷ @ M	אר פו		ATION		
COLLISION GROUP C: MOTORIST EN								4	0
Type 11: Backing from Driveway TOTAL GROUP C	1	0.1 0.1	1	0	0	0	0	1 1	0
TOTAL GROUP C	ı	0.1	I	0	U	U	U	ı	U
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MO	TOR VE	HICL F				
Type 13a: M. Veh./Cycl. Going Straight	33	4.4	32	1	0	3	17	13	0
Type13/14/16/17: Motor Veh. Passing	6	0.8	6	0	0	1	5	0	0
Type 15: Motorist Following Too Closely	1	0.1	1	0	0	0	0	1	0
TOTAL GROUP D	40	5.4	39	1	0	4	22	14	0
COLLISION GROUP E: BICYCLIST TU	IRNING/	SWERV	ING						
TOTAL GROUP E	47	6.3	44	3	0	5	26	15	1
COLLISION GROUP F: MOTORIST TU	JRNING,		IST NOT						
TOTAL GROUP F	4	0.5	4	0	0	1	1	2	0
COLLIDION ODOLID C. OTHER									
COLLISION GROUP G: OTHER	400	40.4	440	•	•	00	00	00	•
Type 26: Cyclist Going Wrong Way	122	16.4	119	0	2	38	22	60	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	47	6.3	44	0	0	10	15	22	0
Type 38b: Miscellaneous TOTAL GROUP G	6 175	0.8	6 160	0	0 2	1	0	5	0
TOTAL GROUP G	175	23.5	169	0	2	49	37	87	0
GRAND TOTAL ALL GROUPS	746	100.0	725	6	10	156	204	374	2

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 SPOKANE COUNTY

COLLICION TVDE	ш	0/	INLL		NTER	HIGH WAY	CO. RD.	CITY	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# EDQ/IE	% ^\/E\$ D(INJ.		STATE	WAY LOCATION		RD.	OTHER
TYPE 1-3: Driveway/Alley	EING/EE/ 87	11.4	84	0	0	5	JN 17	65	0
Type 4: Curb Shoulder	8	1.0	7	1	0	0	5	3	0
TOTAL GROUP A	95	12.5	91	1	0	5	22	68	0
COLLISION GROUP B: COLLISIONS									
Type 5b/6b: Cycl. Disregard Sign/Signal	64	8.4	64	0	1	7	11	45	0
Type 7b: Cyclist Fails to Yield	68	8.9	68	0	0	5	6	57	0
Type 8b: Cyclist Turning Type Bb: Cyclist Xing or Entering	24 39	3.1 5.1	23 37	0 0	0 0	2 0	5 14	17 25	0 0
TOTAL GROUP B, TYPE 5b-Bb	195	25.6	192	0	1	14	36	144	0
101AE 01(001 B, 111 E 35-55	133	25.0	132	U		17	30	177	U
Type 5m: Motor Veh. Disregards Sign	2	0.3	2	0	0	0	0	2	0
Type 6m: Motor Veh. Disregards Signal	8	1.0	8	0	0	0	1	7	0
Type 7m: Motor Veh. Fails to Yield	105	13.8	104	1	0	8	8	89	0
Type 8m: Motor Veh.Turning	6	0.8	6	0	0	1	1	4	0
Type Bx: Inadequate Information	90	11.8	87	1	0	8	13	69	0
TOTAL GROUP B, TYPE 5m-Bx	211	27.7	207	2	0	17	23	171	0
TOTAL GROUP B	406	53.3	399	2	1	31	59	315	0
COLLISION GROUP C: MOTORIST EN	JTERS/I	ΕΔVES	ROADW/	∆∨ @ Mil	D-BL ∩C	ר ו חר ו	ATION		
Type 11: Backing from Driveway	4	0.5	4	0)-DLOC	0	2	2	0
TOTAL GROUP C	4	0.5	4	0	0	0	2	2	0
				-	-	-			-
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MO	TOR VEH	IICLE				
Type 13a: M. Veh./Cycl. Going Straight	42	5.5	41	0	0	3	11	28	0
Type13/14/16/17: Motor Veh. Passing	3	0.4	3	0	0	0	2	1	0
Type 15: Motorist Following Too Closely	1	0.1	1	0	0	0	0	1	0
TOTAL GROUP D	46	6.0	45	0	0	3	13	30	0
COLLISION GROUP E: BICYCLIST TU	RNING/	SWERV	ING						
TOTAL GROUP E	44	5.8	43	0	0	2	15	27	0
COLLISION GROUP F: MOTORIST TU									
TOTAL GROUP F	3	0.4	3	0	0	0	0	3	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	120	15.7	115	0	0	15	17	88	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	1	0.1	1	0	0	0	0	1	0
Type 36: Cycl. Strikes Slow/Stop Veh.	33	4.3	32	0	0	3	6	24	0
Type 38b: Miscellaneous	10	1.3	10	0	0	3	1	6	0
TOTAL GROUP G	164	21.5	158	0	0	21	24	119	0
GRAND TOTAL ALL GROUPS	762	100.0	743	3	1	62	135	564	0
S. U. HED TO TALE ALLE OF COOL O	, 02	.00.0	, 10	0		02	. 50		0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 STEVENS COUNTY

COLLISION TYPE	#	%	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENT								ND.	OTTIER
TYPE 1-3: Driveway/Alley	6	20.0	6	0	0	1	5	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	6	20.0	6	0	0	1	5	0	0
	@ INITE	DOFOTI	ONO						
COLLISION GROUP B: COLLISIONS Type 5b/6b: Cycl. Disregard Sign/Signal	@ INTE	6.7	JNS 2	0	0	1	0	1	0
Type 7b: Cyclist Fails to Yield	6	20.0	6	0	0	1	0	5	0
Type 8b: Cyclist Turning	0	0	0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering	1	3.3	1	0	0	0	0	1	0
TOTAL GROUP B, TYPE 5b-Bb	9	30.0	9	0	0	2	0	7	0
T - 5 M - W - 5:		0	•	•	•				•
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal Type 7m: Motor Veh. Fails to Yield	0	0	0 0	0 0	0 0	0 0	0 0	0	0 0
Type 8m: Motor Veh. Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	5	16.7	5	0	0	2	0	3	0
TOTAL GROUP B, TYPE 5m-Bx	5	16.7	5	0	0	2	0	3	0
TOTAL GROUP B	14	46.7	14	0	0	4	0	10	0
COLLISION GROUP C: MOTORIST E	NTEDQ/I	EVIVES		V @ MIII		CK I OC	ATION		
Type 11: Backing from Driveway	0	0	0	0	D-BLOC)	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
TO THE GROOT O	J	•	· ·	•	J	Ū	Ū	J	J
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	BY MOT	OR VEH	IICLE				
Type 13a: M. Veh./Cycl. Going Straight	1	3.3	1	0	0	0	1	0	0
Type13/14/16/17: Motor Veh. Passing	0	0	0	0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	1	3.3	1	0	0	0	1	0	0
COLLISION GROUP E: BICYCLIST TU	IRNING/	SWERV	ING						
TOTAL GROUP E	2	6.7	2	0	0	0	1	0	1
COLLISION GROUP F: MOTORIST TU	JRNING,	BICYCL	IST NOT						
TOTAL GROUP F	1	3.3	1	0	0	0	0	1	0
COLLICION CROUD C. OTHER									
COLLISION GROUP G: OTHER Type 26: Cyclist Going Wrong Way	5	16.7	5	0	0	1	1	3	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	1	3.3	1	0	Ö	1	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	6	20.0	6	0	0	2	1	3	0
ODAND TOTAL ALL ODOLIDO	00	400.0	00	^	^	7	^	4.4	4
GRAND TOTAL ALL GROUPS	30	100.0	30	0	0	7	8	14	1

THURSTON COUNTY

OOLLIGION TVDE	,,	0/	181.1		NTER	HIGH	CO.	CITY	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# EDQ/IE	% ^\/E\$ D(INJ.	_	TATE	WAY	RD.	RD.	OTHER
TYPE 1-3: Driveway/Alley	53	16.3	52	@ MIDB	0	5	JIN 11	36	1
Type 4: Curb Shoulder	3	0.9	3	0	0	0	3	0	0
TOTAL GROUP A	56	17.2	55	0	0	5	14	36	1
				-	-	-			
COLLISION GROUP B: COLLISIONS	@ INTE	RSECTIO	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	22	6.8	22	0	0	0	1	21	0
Type 7b: Cyclist Fails to Yield	17	5.2	17	0	0	1	2	13	1
Type 8b: Cyclist Turning	9	2.8	8	0	1	1	3	4	0
Type Bb: Cyclist Xing or Entering	16	4.9	15	0	0	1	4	11	0
TOTAL GROUP B, TYPE 5b-Bb	64	19.7	62	0	1	3	10	49	1
Type 5m: Motor Veh. Disregards Sign	1	0.3	1	0	0	0	1	0	0
Type 6m: Motor Veh. Disregards Signal	2	0.6	2	0	0	0	0	2	0
Type 7m: Motor Veh. Fails to Yield	40	12.3	40	0	2	1	2	35	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	31	9.5	31	0	0	1	5	25	0
TOTAL GROUP B, TYPE 5m-Bx	74	22.8	74	0	2	2	8	62	0
TOTAL GROUP B	138	42.5	136	0	3	5	18	111	1
COLLISION CROLID C. MOTORIST EN	JTEDO/I	E 41/EC		. V @ MIE	DI OC		TION		
COLLISION GROUP C: MOTORIST EN Type 11: Backing from Driveway	3 (NEKS	0.9	3	4 Y @ IVIIL 0	J-BLUC	0 LOC	1 10N	2	0
TOTAL GROUP C	3	0.9	3	0	0	0	1	2	0
TOTAL GROOF O	3	0.3	3	U	U	U	•	2	U
COLLISION GROUP D: BICYCLIST HI	T FROM	BEHIND	ВҮ МОТ	OR VEH	ICLE				
Type 13a: M. Veh./Cycl. Going Straight	12	3.7	11	1	0	0	4	8	0
Type13/14/16/17: Motor Veh. Passing	4	1.2	4	0	0	0	3	1	0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	16	4.9	15	1	0	0	7	9	0
COLLISION GROUP E: BICYCLIST TU				•			4.0		
TOTAL GROUP E	19	5.8	19	0	1	4	10	3	1
COLLISION GROUP F: MOTORIST TU	IDNIINIC	DICVCI	ICT NOT						
TOTAL GROUP F. MOTORIST TO	3	0.9	2	0	0	0	2	1	0
TOTAL GROOT T	3	0.9	2	U	U	U	2	Į.	U
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	74	22.8	72	0	2	1	11	59	1
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	13	4.0	12	0	0	0	4	9	0
Type 38b: Miscellaneous	3	0.9	3	0	0	0	0	3	0
TOTAL GROUP G	90	27.7	87	0	2	1	15	71	1
	205	400.0	047	4	0	4.5	07	000	4
GRAND TOTAL ALL GROUPS	325	100.0	317	1	6	15	67	233	4

WAHKIAKUM COUNTY

					INTER	HIGH	CO.	CITY	
COLLISION TYPE	#	%	INJ.	FAT.	STATE	WAY	RD.	RD.	OTHER
COLLISION GROUP A: BICYCLE ENT	ERS/LE/	AVES RO	DADWAY	@ MID	BLOCK	LOCATI	ON		
TYPE 1-3: Driveway/Alley	3	75.0	2	0	0	1	2	0	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	3	75.0	2	0	0	1	2	0	0
	O INITE		2110						
COLLISION GROUP B: COLLISIONS				0	0			•	0
Type 5b/6b: Cycl. Disregard Sign/Signal	0	0	0	0	0	0	0	0	0
Type 7b: Cyclist Fails to Yield	0	0	0	0	0	0	0	0	0
Type 8b: Cyclist Turning	0	0	0 0	0	0	0	0	0	0
Type Bb: Cyclist Xing or Entering TOTAL GROUP B, TYPE 5b-Bb	0	0 0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 30-BD	U	U	U	U	U	U	U	U	U
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	1	25.0	1	0	0	1	0	0	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	0	0	0	0	0	0	0	0	0
TOTAL GROUP B, TYPE 5m-Bx	1	25.0	1	0	0	1	0	0	0
TOTAL GROUP B	1	25.0	1	0	0	1	0	0	0
		- 41/-0	504514						
COLLISION GROUP C: MOTORIST EN								_	_
Type 11: Backing from Driveway	0	0	0	0	0	0	0	0	0
TOTAL GROUP C	0	0	0	0	0	0	0	0	0
COLLISION GROUP D: BICYCLIST HI	T EDOM	DELINIC							
						^	0	0	^
Type 13a: M. Veh./Cycl. Going Straight Type13/14/16/17: Motor Veh. Passing	0	0	0 0	0 0	0	0	0	0	0
Type 15: Motorist Following Too Closely	0 0	0	0	0	0 0	0	0 0	0	0 0
TOTAL GROUP D	0	0	0	0	0	0	0	0	0
TOTAL GROOF D	U	U	U	U	U	U	U	U	U
COLLISION GROUP E: BICYCLIST TU	JRNING/	SWERVI	ING						
TOTAL GROUP E	0	0	0	0	0	0	0	0	0
COLLISION GROUP F: MOTORIST TU	JRNING,	BICYCL	IST NOT						
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	0	0	0	0	0	0	0	0	0
TOTAL GROUP G	0	0	0	0	0	0	0	0	0
CRAND TOTAL ALL CROUPS	4	100.0	3	0	0	2	2	0	0
GRAND TOTAL ALL GROUPS	4	100.0	3	U	U	2	2	U	U

WALLA WALLA COUNTY

COLLICION TVDE	ш	0/	INLI	ГАТ	INTER	HIGH	CO.	CITY	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# EDQ/LE:	% ^\\ES D(INJ.	FAT.	STATE	WAY	RD.	RD.	OTHER
TYPE 1-3: Driveway/Alley	7	7.1	5ADWA1 6	0 WILD	0	0	ON 0	7	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	7	7.1	6	0	0	0	0	7	0
TOTAL GROOT A	,	• • • •	J	•	J	· ·	· ·	•	
COLLISION GROUP B: COLLISIONS	@ INTE	RSECTION	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	12	12.2	12	0	0	1	0	11	0
Type 7b: Cyclist Fails to Yield	9	9.2	8	0	0	1	1	7	0
Type 8b: Cyclist Turning	6	6.1	5	1	0	0	0	6	0
Type Bb: Cyclist Xing or Entering	7	7.1	7	0	0	1	0	6	0
TOTAL GROUP B, TYPE 5b-Bb	34	34.7	32	1	0	3	1	30	0
T 5 M () (D) 1 O)		4.0		•		•	•		0
Type 5m: Motor Veh. Disregards Sign	1	1.0	1	0	0	0	0	1	0
Type 6m: Motor Veh. Disregards Signal Type 7m: Motor Veh. Fails to Yield	0 17	0 17.3	0 16	0 0	0 0	0 0	0 0	0 17	0
Type 8m: Motor Veh. Fails to Heid Type 8m: Motor Veh. Turning	0	17.3	0	0	0	0	0	0	0
Type Bx: Inadequate Information	10	10.2	10	0	0	1	0	9	0
TOTAL GROUP B, TYPE 5m-Bx	28	28.6	27	0	0	1	0	27	0
	_0	_0.0			·	•			
TOTAL GROUP B	62	63.3	59	1	0	4	1	57	0
COLLISION GROUP C: MOTORIST E	NTERS/L	EAVES	ROADW.	AY @ M	IID-BLO	CK LOC	ATION		
Type 11: Backing from Driveway	2	2.0	2	0	0	0	0	2	0
TOTAL GROUP C	2	2.0	2	0	0	0	0	2	0
COLLISION GROUP D: BICYCLIST HI		DELINI	DV MO		шог				
Type 13a: M. Veh./Cycl. Going Straight	1 FROM	1.0		10K VE 0	nicle 0	0	0	1	0
Type 13a. M. Ven./Cycl. Going Straight Type13/14/16/17: Motor Veh. Passing	1	1.0	1 1	0	0	0	0 0	1	0 0
Type 15: Motorist Following Too Closely	0	0	0	0	0	0	0	0	0
TOTAL GROUP D	2	2.0	2	0	0	0	0	2	0
	_		_		•			_	Ū
COLLISION GROUP E: BICYCLIST TU	JRNING/	SWERV	ING						
TOTAL GROUP E	6	6.1	6	0	0	2	1	3	0
COLLISION GROUP F: MOTORIST TU	JRNING,	BICYCL	LIST NOT	-					
TOTAL GROUP F	2	2.0	2	0	0	0	0	2	0
COLLICION CROUP C. OTHER									
COLLISION GROUP G: OTHER	0	0.0	0	0	0	4	0	7	0
Type 26: Cyclist Going Wrong Way Type 28: Motorist Going Wrong Way	8	8.2	8	0 0	0 0	1 0	0 0	7 0	0
Type 35: Motorist Driveout from Parking	0	0	0 0	0	0	0	0	0	0 0
Type 36: Cycl. Strikes Slow/Stop Veh.	7	7.1	6	0	0	1	0	6	0
Type 38b: Miscellaneous	2	2.0	2	0	0	0	0	2	0
TOTAL GROUP G	17	17.3	16	0	0	2	0	15	0
									-
GRAND TOTAL ALL GROUPS	98	100.0	93	1	0	8	2	88	0

WASHINGTON BICYCLE COLLISIONS 1988 TO 1993 WHATCOM COUNTY

OOLLIGION TVDE	,,	0/			NTER	HIGH	CO.	CITY	OTHER
COLLISION TYPE COLLISION GROUP A: BICYCLE ENT	# #	% ^\/ES D(INJ.		STATE	WAY	RD.	RD.	OTHER
TYPE 1-3: Driveway/Alley	50	20.1	JADVVA Y 49	@ MIDB	1	LOCATION 1	JN 4	43	1
Type 4: Curb Shoulder	1	0.4	1	0	0	0	0	43 1	0
TOTAL GROUP A	51	20.5	50	0	1	1	4	44	1
TOTAL GROOT A	O I	20.0	00	· ·	•	•	•	• • •	
COLLISION GROUP B: COLLISIONS	@ INTE	RSECTIO	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	17	6.8	16	1	0	1	3	12	1
Type 7b: Cyclist Fails to Yield	15	6.0	15	0	0	0	2	13	0
Type 8b: Cyclist Turning	3	1.2	3	0	0	0	0	3	0
Type Bb: Cyclist Xing or Entering	9	3.6	9	0	0	1	2	6	0
TOTAL GROUP B, TYPE 5b-Bb	44	17.7	43	1	0	2	7	34	1
Time Free Meter Veh Dieve gorde Cian	0	0.0	0	0	0	0	0	•	0
Type 5m: Motor Veh. Disregards Sign	2	0.8 0	2 0	0 0	0 0	0 0	0	2 0	0
Type 6m: Motor Veh. Disregards Signal Type 7m: Motor Veh. Fails to Yield	0 40	16.1	38	0	4	1	0 0	35	0 0
Type 8m: Motor Veh. Turning	1	0.4	1	0	0	0	0	1	0
Type Bx: Inadequate Information	27	10.8	27	0	2	1	0	24	0
TOTAL GROUP B, TYPE 5m-Bx	70	28.1	68	0	6	2	0	62	0
					· ·	_	·		
TOTAL GROUP B	114	45.8	111	1	6	4	7	96	1
COLLISION GROUP C: MOTORIST EN	NTERS/L	EAVES	ROADWA	AY @ MIC	D-BLOC	CK LOCA	ATION		
Type 11: Backing from Driveway	4	1.6	4	0	0	0	0	4	0
TOTAL GROUP C	4	1.6	4	0	0	0	0	4	0
COLLISION GROUP D: BICYCLIST HI	T EDOM	DELINIT		OD VEH	ICI E				
Type 13a: M. Veh./Cycl. Going Straight	1 FKOW	6.0	14	OK VEH	0	1	10	4	0
Type 13a. M. Ven./Cycl. Going Straight Type13/14/16/17: Motor Veh. Passing	2	0.8	2	0	0	0	2	0	0
Type 15: Motorist Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	17	6.8	16	0	0	1	12	4	0
				-					
COLLISION GROUP E: BICYCLIST TU									
TOTAL GROUP E	14	5.6	12	1	1	1	3	9	0
		5101101							
COLLISION GROUP F: MOTORIST TU				•	•			_	•
TOTAL GROUP F	2	0.8	2	0	0	0	0	2	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	25	10.0	24	0	0	3	4	18	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	1	0.4	1	0	0	0	0	1	0
Type 36: Cycl. Strikes Slow/Stop Veh.	17	6.8	15	0	0	2	1	14	0
Type 38b: Miscellaneous	4	1.6	4	0	0	0	0	4	0
TOTAL GROUP G	47	18.9	44	0	0	5	5	37	0
CRAND TOTAL ALL CROUPS	0.40	100.0	220	2	0	40	24	100	0
GRAND TOTAL ALL GROUPS	249	100.0	239	2	8	12	31	196	2

WHITMAN COUNTY

COLLISION TYPE	#	%	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION 1 TPE COLLISION GROUP A: BICYCLE ENT								KD.	OTHER
TYPE 1-3: Driveway/Alley	7	13.5	7	0	0	1	0	6	0
Type 4: Curb Shoulder	0	0	0	0	0	0	0	0	0
TOTAL GROUP A	7	13.5	7	0	0	1	0	6	0
COLLISION GROUP B: COLLISIONS									•
Type 5b/6b: Cycl. Disregard Sign/Signal	5	9.6	5	0	0	2	0	3	0
Type 7b: Cyclist Fails to Yield Type 8b: Cyclist Turning	2 1	3.8 1.9	2 0	0 0	0 0	0 0	0 0	2 1	0 0
Type 8b: Cyclist Turning Type Bb: Cyclist Xing or Entering	2	3.8	2	0	0	0	0	2	0
TOTAL GROUP B, TYPE 5b-Bb	10	19.2	9	0	0	2	0	8	0
101/12 01(001 B, 111 E 00 B0	10	10.2		· ·	J	_	J	J	J
Type 5m: Motor Veh. Disregards Sign	0	0	0	0	0	0	0	0	0
Type 6m: Motor Veh. Disregards Signal	0	0	0	0	0	0	0	0	0
Type 7m: Motor Veh. Fails to Yield	13	25.0	13	0	0	1	0	12	0
Type 8m: Motor Veh.Turning	0	0	0	0	0	0	0	0	0
Type Bx: Inadequate Information	8	15.4	8	0	0	3	0	5	0
TOTAL GROUP B, TYPE 5m-Bx	21	40.4	21	0	0	4	0	17	0
TOTAL GROUP B	31	59.6	30	0	0	6	0	25	0
COLLISION GROUP C: MOTORIST E	NTERS/I	E4VES	ROADW/		D-BI OC	SK L OCA	NOITA		
Type 11: Backing from Driveway	1	1.9	1	0	0	0	0	1	0
TOTAL GROUP C	1	1.9	1	0	0	0	0	1	0
COLLISION GROUP D: BICYCLIST HI	T EDOM	DELINIT		OD VEL	IICI E				
Type 13a: M. Veh./Cycl. Going Straight	3	5.8	3	OK VEF	0	0	0	3	0
Type 13a. M. Ven./Cycl. Going Straight Type13/14/16/17: Motor Veh. Passing	2	3.8	2	0	0	1	1	0	0
Type 15: Motorist Following Too Closely	0	0.0	0	0	0	0	0	0	0
TOTAL GROUP D	5	9.6	5	0	0	1	1	3	0
COLLISION GROUP E: BICYCLIST TU				_				_	
TOTAL GROUP E	1	1.9	1	0	0	1	0	0	0
COLLISION GROUP F: MOTORIST TU	IDNING	BICVCI	ICT NOT						
TOTAL GROUP F. MOTORIST TO	TRINING, 1	1.9	1	0	0	0	0	1	0
TOTAL GROOT T		1.5	·	U	U	U	U		U
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	5	9.6	5	0	0	3	0	2	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh.	0	0	0	0	0	0	0	0	0
Type 38b: Miscellaneous	1	1.9	1	0	0	0	0	1	0
TOTAL GROUP G	6	11.5	6	0	0	3	0	3	0
GRAND TOTAL ALL GROUPS	52	100.0	51	0	0	12	1	39	0
			-		-				

YAKIMA COUNTY

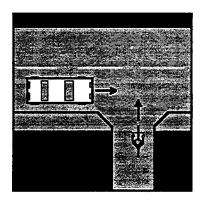
COLLISION TYPE	#	%	INJ.		NTER STATE	HIGH WAY	CO. RD.	CITY RD.	OTHER
COLLISION GROUP A: BICYCLE ENT								ND.	OTTLER
TYPE 1-3: Driveway/Alley	36	16.0	35	0	0	0	10	26	0
Type 4: Curb Shoulder	4	1.8	4	0	0	0	1	3	0
TOTAL GROUP A	40	17.8	39	0	0	0	11	29	0
COLLISION GROUP B: COLLISIONS	@ INTE	RSECTIO	ONS						
Type 5b/6b: Cycl. Disregard Sign/Signal	12	5.3	12	0	0	0	2	10	0
Type 7b: Cyclist Fails to Yield	16	7.1	16	0	0	1	3	12	0
Type 8b: Cyclist Turning	11	4.9	10	1	1	0	2	8	0
Type Bb: Cyclist Xing or Entering	10	4.4	9	0	0	0	1	9	0
TOTAL GROUP B, TYPE 5b-Bb	49	21.8	47	1	1	1	8	39	0
Type 5m: Motor Veh. Disregards Sign	1	0.4	1	0	0	0	0	1	0
Type 6m: Motor Veh. Disregards Signal	2	0.9	2	0	0	0	0	2	0
Type 7m: Motor Veh. Fails to Yield	27	12.0	26	0	0	2	2	23	0
Type 8m: Motor Veh.Turning	3	1.3	3	0	0	0	1	2	0
Type Bx: Inadequate Information	21	9.3	21	0	0	0	3	18	0
TOTAL GROUP B, TYPE 5m-Bx	54	24.0	53	0	0	2	6	46	0
TOTAL GROUP B	103	45.8	100	1	1	3	14	85	0
COLLISION GROUP C: MOTORIST EN	JTERS/I	EAV/ES	BOADW/		J-BI ∩C	רא ו חרי	ΔΤΙΟΝΙ		
Type 11: Backing from Driveway	3	1.3	3	0	0 0	0	1	2	0
TOTAL GROUP C	3	1.3	3	0	0	0	1	2	0
COLLISION GROUP D: BICYCLIST HI	T EDOM	DELINIT		OD VEL	IICI E				
Type 13a: M. Veh./Cycl. Going Straight	1 FROM	7.1	15	1	0	2	8	6	0
Type13/14/16/17: Motor Veh. Passing	10	0.4	0	1	0	0	1	0	0
Type 15: Motorist Following Too Closely	0	0.4	0	0	0	0	Ö	0	0
TOTAL GROUP D	17	7.6	15	2	0	2	9	6	0
COLLISION GROUP E: BICYCLIST TU				•	•	•	•	-	0
TOTAL GROUP E	13	5.8	11	2	2	3	3	5	0
COLLISION GROUP F: MOTORIST TU	IRNING	BICYCI	IST NOT						
TOTAL GROUP F	0	0	0	0	0	0	0	0	0
COLLISION GROUP G: OTHER									
Type 26: Cyclist Going Wrong Way	37	16.4	37	0	0	1	2	34	0
Type 28: Motorist Going Wrong Way	0	0	0	0	0	0	0	0	0
Type 35: Motorist Driveout from Parking	0	0	0	0	0	0	0	0	0
Type 36: Cycl. Strikes Slow/Stop Veh. Type 38b: Miscellaneous	11	4.9 0.4	10 1	0	0	1 0	1	9 1	0
TOTAL GROUP G	1 49	21.8	48	0	0	2	0	44	0
TOTAL GROOF G	43	21.0	40	U	U		J	44	U
GRAND TOTAL ALL GROUPS	225	100.0	216	5	3	10	41	171	0

APPENDIX A

APPENDIX A

Modified Cross-Fisher Classification of Bicycle/Motor Vehicle Collisions Used by the Washington State Department of Transportation

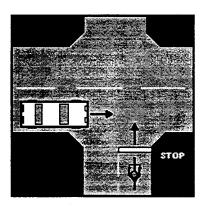
Class A: Bicycle ride-out from driveway, alley and other midblock locations.



Type 1 - 3: Rideout from driveway or alley

Class A

Class B: Collisions at controlled intersection



Type 5b/6b: Bicyclist disregards sign or signal

Type 7b: Bicyclist fails to yeild

Type 8b: Bicyclist turning

Type Bb: Bicyclist crossing or entering

Type 5m: Motorist disregards sign

Type 6m: Motorist disregards signal

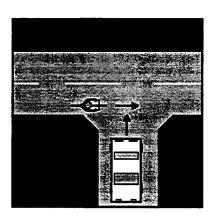
Type 7m: Motorist fails to yield

Type 8m: Motorist turning

Type Bx: Inadequate information

Class B

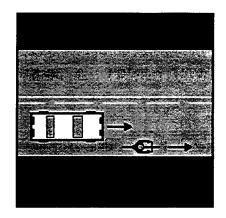
Class C: Collisions at Driveways and Alleys



Class C: Backing from driveway

Class C

Class D: Motorist overtaking



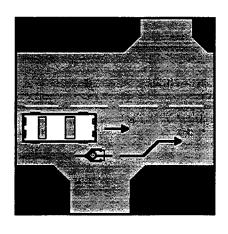
Type 13a: Motorist/cyclist going straight

Type 14/16/17: Motorist passing cyclist

Type 15: Motorist following too closely

Class D

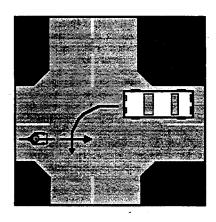
Class E: Bicyclist unexpected turn/swerve



Class E: Bicyclist turning or swerving

Class E

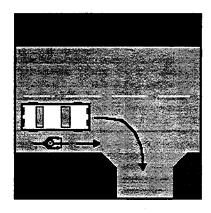
Class F: Motorist turning, cyclist not



Class F: Motorist turning, cyclist not

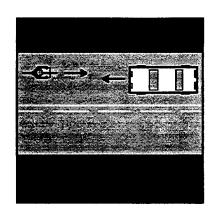
Class F

Class F: Motorist unexpected turn (continued)



Class F

Class G: Other



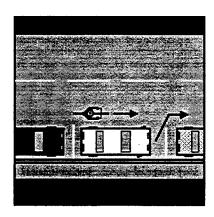
Type 26: Vehicle collide head-on, wrong way bicyclist

Type 35: Motorist drive out from on-street parking

Type 36: Cyclist strikes slowed or stopped vehicle

Type 38b: Miscellaneous

Class G-26



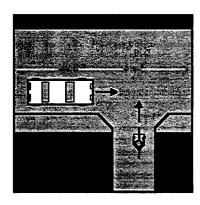
Class G-35

APPENDIX B

APPENDIX B

Cross-Fisher Classification of Bicycle/Motor Vehicle Collisions

Class A: Bicycle ride-out from driveway, alley and other midblock locations.



Type 1: Residential driveway ride-out

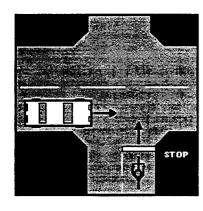
Type 2: Commercial driveway ride-out

Type 3: Parallel direction driveway ride-out

Type 4: Ride-out over shoulder or curb

Class A-1

Class B: Bicycle ride-out at controlled intersection



Type 5: Stop sign or yield sign

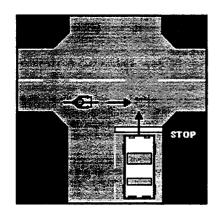
Type 6: Signal phase change; cyclist caught in

intersection

Type 7: Ride-out at signal; multiple threat

Class B-5

Class C: Motorist turn/merge/drive through/driveout



Type 8: Motorist driveout from commercial driveway/alley

Type 9: Motorist failure to yield at stop of yield sign

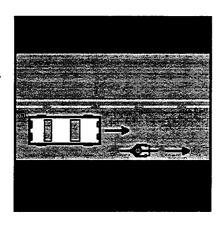
Type 10: Motorist failure to yield at signal

Type 11: Motorist backing from driveway

Type 12: Motorist did not slow for sign or signal

Class C-9

Class D: Motorist overtaking



Type 13: Motorist overtaking/cyclist not seen

Type 14: Motorist overtaking/out of control

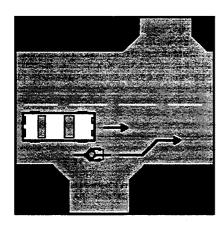
Type 15: Motorist overtaking/counteractive evasive action

Type 16: Motorist overtaking/misjudged space required to pass

Type 17: Motorist overtaking/cyclist's path obstructed type unknown

Class D

Class E: Bicyclist unexpected turn/swerve



Type 18: Bicyclist unexpected left turn; parallel paths; same directions

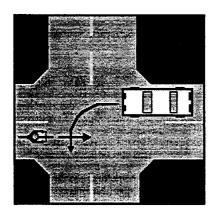
Type 19: Bicyclist unexpected left turn; parallel paths; opposite directions

Type 20: Bicyclist unexpected swerve left; parallel paths; same direction

Type 21: Bicyclist unexpected swerve left; parallel paths

Class E-20

Class F: Motorist unexpected turn



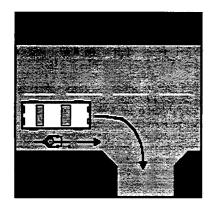
Type 22: Motorist unexpected left turn; parallel paths; same direction

Type 23: Motorist unexpected left turn; parallel paths opposite direction

Type 24: Motorist unexpected right turn; parallel paths

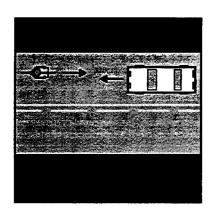
Class F-23

Class F: Motorist unexpected turn (continued)



Class F-24

Class G: Other



Type 25: Vehicles collide at uncontrolled intersection; orthogonal paths

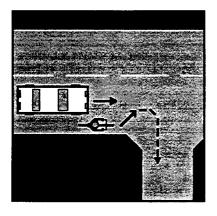
Type 26: Vehicle collide head-on, wrong way bicyclist

Type 27: Bicyclist overtaking

Type 28: Head-on; wrong way motorist

Type 29: Parking lot

Class G-26



Type 30: Head-on; counteractive evasive action

Type 31: Bicyclist cuts corner when turning left

Type 32: Bicyclist swings wide when turning right

Type 33: Motorist cuts corner when turning left

Type 34: Motorist swings wide when turning right

Type 35: Motorist drive out from on-street parking

Type 36: Unclear

Class G-32

APPENDIX C



Traffic Collisions in Washington State

Data
Summary and
Highway
Safety
Problem
Analysis

July 1994

WASHINGTON TRAFFIC SAFETY COMMISSION

1000 South Cherry Street P.O. Box 40944 Olympia, WA 948504-0944

Vehicle-pedestrian collisions in Washington counties

King County had the highest pedestrian collision rate with 4.93 collisions per 10,000 population, followed by Grays Harbor and Chelan Counties with 3.91 and 3.57 respectively. King County also had the highest rate of fatalities and injuries with 5.18 killed or injured per 10,000 population. This was followed by Grays Harbor and Pierce Counties with 4.06 and 3.68 per 10,000 population respectively. There were seven counties with no reported car-pedestrian collisions, and twenty counties that had no pedestrians killed (Table 6-7).

Table 6-7: Pedestrians killed or injured in traffic collisions By county - 1993

county	population	killed	injured	rate*	collisions	rate*
Over 1,000,000						
King	1,587,700	18	847	5.45	782	4.93
250,000 to 750,000						
Pierce	640,700	11	237	3.87	224	3.50
Snohomish	507,900	- 11	154	3.25	150	2.95
Spokane	383,600	6	130	3.55	129	3.36
Clark	269,500	9	57	2.45	59	2.19
100,000 to 250,000						
Kitsap	210,000	2	55	2.71	51	2.43
Yakima	197,000	4	56	3.05		2.49
Thurston	180,500	3	47	2.77	46	2.55
Whatcom	140,900	2	20	1.56	20	1.42
Benton	122,800	1	18	1.55	18	1.47
50,000 to 100,000						
•	88,100	0	15	1.70	40	1.36
Skagit Cowlitz	86,100 86,100	1	26	3.14	12	
		-			22	2.56
Grays Harbor	66,500	2	26	4.21	26	3.91
Island	66,500	0	9	1.35	7	1.05
Lewis	62,900	0	12	1.91	10	1.59
Claliam	61,400	2	12	2.28	# '` i	2.28
Grant	60,300	1	9	1.66	8	1.33
Chelan	56,000	٥	20	3.57	20	3.57
Walla Walla	51,800	0	10	1.93	9	1.74
25,000 to 50,000						
Mason	42,900	0	8	1.86	8	1.86
Franklin	41,100	0	8	1.95	8	1.95
Whitman	39,400	0	6	1.52	5	1.27
Okanogan	35,400	2	6	2.26	5	1.41
Stevens	33,400	1	2	0.90	3	0.90
Kittitas	29,200	2	4	2.05	4	1.37
Douglas	28,500	1	2	1.05	3	1.05
10,000 to 25,000		ļ				
Jefferson	23,500	o	3	1.28	3	1.2
Pacific	19,800	ŏ	4	2.02		2.0
Asotin	18,300	ŏ	3	1.64	3	1.64
Klickitat	17,500	ő	0	0.00		0.00
Adams	14,300	ĭ	3	2.80	•	2.10
San Juan	11,900	Ö	2	1.68		1.60
Pend Oreille	10,100	ő	2	1.98		1.90
Under 10,000						
	0.200		_	200	_	
Lincoln	9,200	0	1	0.00		0.00
Skamenia	9,000	°	0	0.00		0.00
Ferry	6,900	0	1	0.00	•	0.0
Columbia	4,100	0	t	0.00	1	0.0
Wahkiakum	3,500	0	1	0.00		0.0
Garfield	2,300	٥	0	0.00	0	0.0
Total	5,240,500	80	1,813	3.61	1,709	3.2

^{*}Killed/injured and car-pedestrian collisions per 10,000 population

VII. Pedalcyclists



Source: WSP

Vehicle-pedalcycle collisions and injuries in 1993 decreased 0.3% from the previous 4-year average. There were 8 pedalcyclists killed, a decrease of 11.1% from the previous four-year average. The number of pedalcyclists injured increased 5.8% in urban areas and decreased 16.0% in rural areas from the previous 4-year averages. There were 1,438 vehicle-pedalcycle collisions, down 204 from 1992, which recorded a 10-year high of 1,642 (Table 7-1, Figure 7-1).

Table 7-1: Pedalcyclists killed & injured in traffic collisions

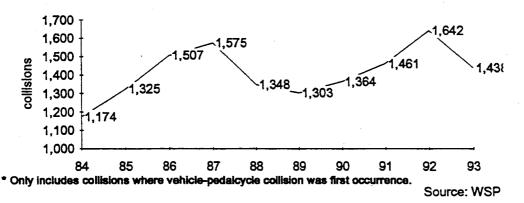
Five-year comparison	1						'9 3 vs
	1993	1992	1991	1990	1989	prev 4-yr avg	prev 4-yr avg
Total pedalcycle collisions	1,438	1,642	1,461	1,364	1,303	1,443	-0.3%
Pedalcyclists killed	8	9	5	14	8	9	-11.1%
Pedalcyclists injured	1,430	1,622	1,463	1,349	1,302	1,434	-0.3%
Serious injuries	202	224	226	221	238	227	-11.1%
Evident injuries	889	1,052	909	813	819	898	-1.0%
Possible injuries	339	346	328	315	245	309	9.9%
Urban*injured	1,095	1,208	1,045	978	910	1,035	5.8%
Urban killed	4	4	1	4	2	3	45.5%
Rural injured	335	414	418	371	392	399	-16.0%
Rural killed	4	5		10	6	6	-36.0%

Figure 7-1:

Vehicle-pedalcyclist collisions*

Ten-year comparison

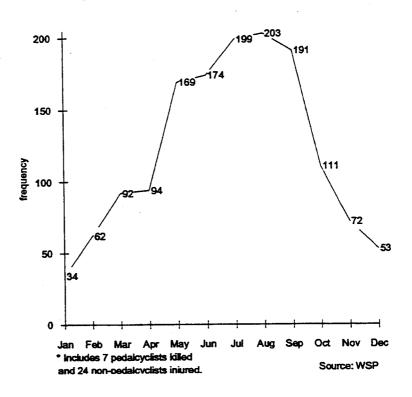
*Cities with population of 2,500 and greater



VII / Pedalcyclists

The months of May through September recorded the highest numbers of persons killed and injured in pedalcycle-related collisions during 1993. January recorded the least number of pedalcycle injuries with 34, and August recorded the most with 203 (Figure 7-2).

Figure 7-2:
Persons injured in vehicle-pedalcycle collisions*
By month - 1993



Ages of pedalcyclists injured

In 1993, 419 pedalcyclists between the ages of 10 to 14 were killed or injured; this was the highest frequency for any age group. There were five age groups which experienced reductions in pedalcycle-related collision involvement when compared to previous 4-year averages (Table 7-2).

Table 7-2: Pedaicyclists injured or killed in motor vehicle collisions
Five-year comparison by age group

93 vs

prev

prev

prev

41						
41			امما			~~~~
	40	32	16	14	26	60.8%
209	230	232	191	233	222	-5.6%
419	408	386	381	356	383	9.5%
161	228	181	194	216	205	-21.4%
164	195	207	163	130	174	-5.6%
248	267	217	213	186	221	12.3%
94	134	97	96	69	99	-5.1%
44	56	34	35	31	39	12.8%
22	13	20	18	14	16	35.4%
5	9	17	9	7	11	-52.4%
5	6	5	5	3	5	5.3%
26	45	40	42	51	45	-41.6%
1,438	1,631	1,468	1,363	1,310	1,443	-0.3%
8	9	5	14	8	9	-11.1%
	419 161 164 248 94 44 22 5 5 26	419 408 161 228 164 195 248 267 94 134 44 56 22 13 5 9 5 6 26 45 1,438 1,631	419 408 386 161 228 181 164 195 207 248 267 217 94 134 97 44 56 34 22 13 20 5 9 17 5 6 5 26 45 40 1,438 1,631 1,468	419 408 386 381 161 228 181 194 164 195 207 163 248 267 217 213 94 134 97 96 44 56 34 35 22 13 20 18 5 9 17 9 5 6 5 5 26 45 40 42 1,438 1,631 1,468 1,363	419 408 386 381 358 161 228 181 194 216 164 195 207 163 130 248 267 217 213 186 94 134 97 96 69 44 56 34 35 31 22 13 20 18 14 5 9 17 9 7 5 6 5 5 3 26 45 40 42 51 1/438 1,831 1,488 1,363 1,310	419 408 386 381 356 383 161 228 181 194 216 205 164 195 207 163 130 174 248 267 217 213 196 221 94 134 97 96 89 99 44 56 34 35 31 39 22 13 20 18 14 16 5 9 17 9 7 11 5 6 5 5 3 5 26 45 40 42 51 45 1,438 1,631 1,468 1,363 1,310 1,443

Pedalcycle collisions in cities

The city of Kelso recorded the highest pedalcycle collision rate in the state during 1993 with 11.81 collisions per 10,000 population. Ellensburg was second highest in this category with 10.18, followed by Marysville with 7.55 and Tukwila 7.50 (Table 7-3).

Table 7-3: Pedalcycle collisions in cities Cities 10,000 population & greater - 1993

			Mad &	death/		collision
city	population	kiled	injured		collisions	rate *
					-	
250,000 and over		_				
Seattle	527,700	2	280	5.31	280	5.31
100,000 to 250,000						
Spokane	183,800	0	100	5.44	100	5.44
Tacoma	181,200	0	74	4.08	73	4.03
50,000 to 100,000				امد ا	4.0	4 ==
Bellevue	89,710	0	40	4.46	41	4.57
Everett	76,980	0	32	4.16	32	4.16
Federal Way	75,320	0	23	3.05	21	2.79
Yakima	59,580	0	34	5.71	35	5.87
Bellingham	55,480	0	25	4.51	26	4.69
Vancouver	55,450	0	24	4.33	. 24	4.33
25,000 to 50,000		_	_		_	
Kennewick	45,110	0	9	2.00	7	1.55
Renton	43,470	٥	12	2.76	12	2.76
Kiridand	41,700	0	16	3.84	16	3.84
Kent	41,090	0	20	4.87	21	5.11
Redmond	40,095	0	18	4.49	18	4.49
Olympia	36,520	٥	25	6.85	24	6.57
Brementon	36,380	٥	12	3.30	12	3.30
Auburn	34,550	0	17	4.92	18	5.21
Richland	34,080	0	11	3.23	9	2.64
Longview	32,650	0	23	7.04	21	6.43
Edmonds	30,970	0	3	0.97	4	1.29
Lynnwood	29,580	0	18	6.09	18	6.09
Wala Walla	28,820	0	7	2.43	7	2.43
Burien	27,800	0	9	3.24	9	3.24
Puyallup	26,140	0	16	6.12	16	6.12
15,000 to 25,000			1	ĺ		1
Bothell	24,530	0	7	2.85	6	2.45
Pullmen	23,480	٥	10	4.26	9	3.83
Wenatchee	23,000	0	12	5.22	12	5.22
Sea Tac	22,840	٥	6	2.63	7	3.06
Lacey	22,680	0	9	3.97	9	3.97
Pasco	21,370	0	9	4.21	9	4.21
Mercer Island	21,260	0	6	2.82	5	2.35
Mount Vernon	20,450	٥	1	0.49	2	0.98
Mountlake Terrace	19,880	٥	4	2.01	4	2.01
Des Moines	19,480	0	3	1.54	3	1.54
Oak Harbor	18,930	0	·	4.23	8	4.23
Port Angeles	18,270	٥	. ∣ 8	4.38	8	4.38
Bainbridge Island	17,200	٥	2	1.16	2	1.16
Aberdeen	16,685		4	2.40	4	2.40
10,000 to 15,000		1			1	
Tukwila	14,680	0	11	7.50	11	7.50
Marysville	14,570	1	11	7.55	11	7.55
Mulditao	14,035	1) 5	3.56	5	3.56
Ellensburg	12,770	6		1		10.18
Centralia	12,380		ı	i		1
Anacortes	12,260		1	1		
Kelso	11,950	B	ł	i	1	
Moses Lake	11,700	4	1			1
Sunnyside	11,420	i i	1	1 .	4	
Turnwater	11,110	1		1		
	'',''	1 `			1	
TOTAL	2,250,925		3 1,009	4.48	1,005	4.46
* Injuries/collisions po			1 ,	1		WSP, OFM

Pedalcycle collisions in unincorporated areas

The unincorporated area of Columbia County experienced the highest collision rate for unincorporated areas in Washington State with 7.22 collisions per 10,000 population in 1993. This was followed by Snohomish County with 5.31 and Chelan with 3.08 collisions per 10,000 population. Twelve counties experienced no pedalcycle collisions in their unincorporated areas during 1993 (Table 7-4).

Table: 7-4: Pedalcycle collisions in unincorporated areas By county - 1993

_,,	unincorp.		idled &	fatal/inj		collision
county	population	idied	injured	rate *	collisions	rate*
Over 100,000						
King	513,257	0	69	1.34	69	1.34
Pierce	339,679	1	63	1.85	61	1.80
Snohomish	259,796	2	134	5.16	138	5.31
Clark	173,844	0	39	2.24	37	2.13
Spokane	165,443	0	15	0.91	16	0.97
Kitsap	138,676	٥	25	1.80	24	1.73
25,000 to 100,000						
Thurston	94,098	0	13	1.38	13	1.38
Yakima	88,214	0	8	0.91	8	0.91
Whatcom	59,187	0	7	1.18	6	1.01
Island	40,797	0	6	1.47	5	1.23
Skagit	37,841	o	6	1.59	6	1.59
Lewis	35,829	o	6	1.67	4	1.12
Cowlitz	33,170	٥	1	0.30	1	0.30
Clallam	32,039	0	1	0.31	1	0.31
Mason	31,100	٥	6	1.93	6	1.93
Benton	27,849	٥	0	0.00	0	0.00
Grant	26,406	0	6	2.27	5	1.89
Grays Harbor	25,000	0	1	0.40	1	0.40
10,000 to 25,000						
Chelan	22,760	1	7	3.08	7	3.08
Stevens	22,644	0	4	1.77	4	1.77
Douglas	19,958	o		0.00	0	0.00
Okanogan	19,294	٥	2	1.04	2	1.04
Franklin	14,712	٥	1	0.68	1	0.68
Walla Walle	14,384	0		0.00	o	0.00
Jefferson	13,405	o		1.49	2	1.49
Pacific	12,356	o		2.43	3	2.43
Klickitat	10,786	o		0.00	0	0.00
Kititas	10,418	ò		0.00	o	0.00
Asotin ,	9,871	o	1	2.03	2	2.03
Under 10,000						
San Juan	8,543	٥	0	0.00	0	0.00
Skamenie	6,711	Ö	I .	0.00		0.00
Whitmen	6,629	Ö		0.00		0.00
Adams	6,466	Ò	1	0.00	_	0.00
Pend Oreille	6,114	l	1	1.64		1.64
Ferry	5,355	ď		1.87	1 1	1.87
Lincoln	3,669			0.00		0.00
Wahidalum	2,819	d	1	0.00		0.00
Columbia	1,386	Ì		7.22		7.22
Garfield	855	ď	1	0.00		0.00
Total	2,341,360	4	430	1.84	425	1.82
			'		Source:	WSP, OFM

^{*}Rates are frequency per 10,000 population

Pedalcycle collisions by county

In 1993, Cowlitz County experienced the highest pedalcycle collision rate with 4.53 collisions per 10,000 population. Kittitas County was second highest, with a rate of 4.45 collisions, and Chelan County was third with a rate of 3.75. Collision rates and the rate of pedalcyclists injured or killed were very close, indicating that in most reported pedalcycle crashes, a single pedalcyclist is injured (Table 7-5).

Table 7-5: Pedalcycle collisions and injuries+ By county - 1993

By county - 1993			ه د ملاما	الممالات		
county	population	killed	killed & injured +	källed/ · inj rate *	collision	collision rate *
Over 1,000,000	роршаеся	Naie C	- ijai ea T	wij i aus	COMSIONS	1408
King	1,587,700	2	546	3.44	546	3.44
-		_		• • • • • • • • • • • • • • • • • • • •		3
250,000 to 750,000						
Pierce	640.700	1	161	2.51	158	2.47
Snohorrish	507,900	2	139	2.74	138	2.72
Spokane	383,600	0	117	3.05	118	3.08
Clark	269,500	0	70	2.60	68	2.52
	·					
100,000 to 250,000						
Kits ap	210,000	0	40	1.90	39	1.86
Yakima	197,000	0	47	2.39	· 48	2.44
Thurston	180,500	0	52	2.88	51	2.83
Whatcom	140,900	0	37	2.63	37	2.63
Benton	122,800	0	22	1.79	18	1.47
50,000 to 100,000						
Skagit	88,100	0	14	1.59	14	1.59
Cowlitz	86,100	1	41	4.76	39	4.53
Grays Harbor	66,500	0	14	2.11	14	2.11
Island	66,500	0	14	2.11	13	1.95
Lewis	62,900	0	18	2.86	18	2.54
Clallam	61,400	0	12	1.95	12	1.95
Grant	60,300	0	15	2.49	15	2.49
Cheian	56,000	1	21	3.75	21	3.75
Walla Walla	51,800	0	7	1.35	7	1.35
25,000 to 50,000			ļ			
Mason	42,900	0	10	2.33	10	2.33
Franklin	41,100	0	10	2.43	10	2.43
Whitmen	39,400	0	12	3.05	11	2.79
Okanogan	35,400	0	3	0.85	3	0.85
Stevens	33,400	0	5	1.50	5	1.50
Kīttitas	29,200	0	13	4.45	13	4.45
Douglas	28,500	0	0	0.00	0	0.00
				l	l	·
10,000 to 25,000		_	_		1 .	
Jefferson	23,500	0	3	1.28	3	1.28
Pacific	19,800	0	3	1.52	3	1.52
Asotin	18,300	0	4	2.19	4	2.19
Klickitat	17,500	0	1	0.00	0	0.00
Adams	14,300	٥	1	0.70	1	0.70
San Juan	11,900	٥		0.00	2	0.00
Pend Oreille	10,100	0	1	0.99	1	0.99
Index 10 000	'			}	1	
Under 10,000 Lincoln	0.000	_	_			
	9,200	٥	0	0.00	0	0.00
Skamania	9,000	0	1	0.00	11	0.00
Ferry Cohembia	6,900	0	1	1.45	1	1.45
Columbia	4,100	0		2.44	В	2.44
Wahkiakum	3,500	0		0.00		0.00
Garfield	2,300	٥	0	0.00	٥	0.00
Total	5,240,500		1,454	2.77	1,438	2.74
*Frequency per 10			1 .,	2.,,	B	NSP, OFM